

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF106996.D
 Acq On : 30 Jun 2018 1:59
 Operator : JU/SJ
 Sample : J3691-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-2EC

Quant Time: Jun 30 04:26:35 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

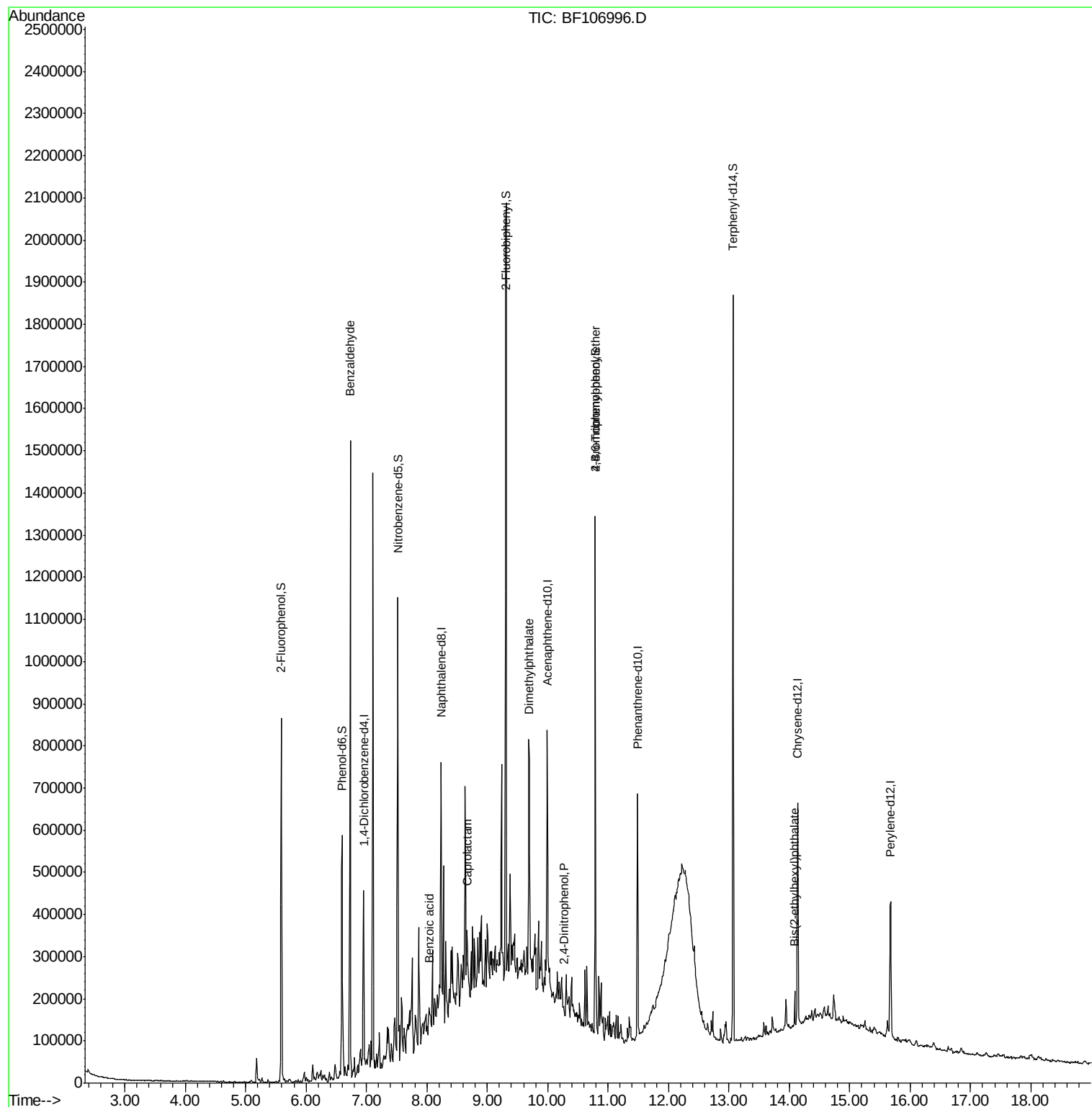
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66411	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	242927	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	119952	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	224106	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	197526	20.00	ng	-0.03
86) Perylene-d12	15.68	264	174089	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	239861	61.16	ng	-0.01
7) Phenol-d6	6.60	99	192589	39.32	ng	-0.02
23) Nitrobenzene-d5	7.52	82	350537	80.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	192426	138.41	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	678562	98.01	ng	-0.01
78) Terphenyl-d14	13.07	244	644349	79.02	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	9388	2.279	ng	83
20) 3+4-Methylphenols	7.39	107	427	Below Cal	#	1
32) Benzoic acid	8.04	122	624	5.963	ng	47
35) Caprolactam	8.67	113	2308	2.077	ng	1
49) Dimethylphthalate	9.70	163	64642	7.185	ng	97
53) 2,4-Dinitrophenol	10.28	184	455	5.782	ng	32
66) 4-Bromophenyl-phenylether	10.79	248	11890	4.446	ng	1
83) Bis(2-ethylhexyl)phthalate	14.09	149	21932	3.203	ng	95

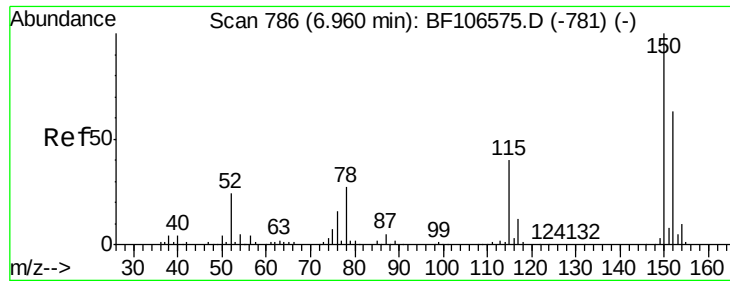
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
Data File : BF106996.D
Acq On : 30 Jun 2018 1:59
Operator : JU/SJ
Sample : J3691-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-2EC

Quant Time: Jun 30 04:26:35 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



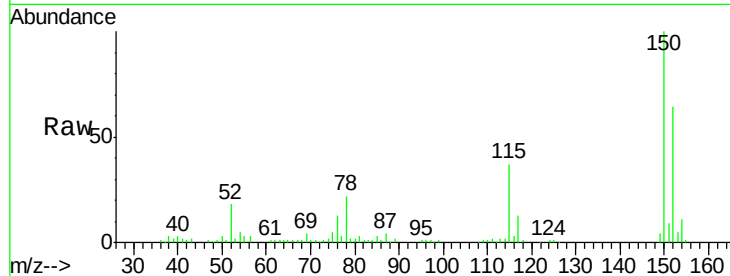


#1

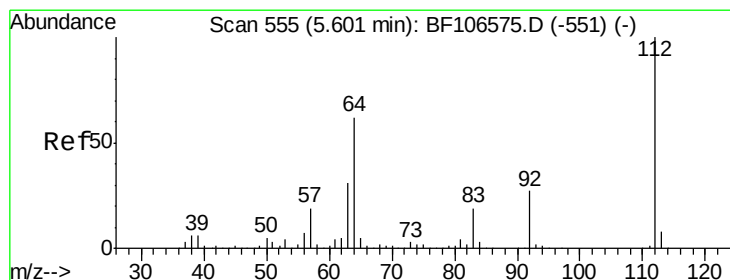
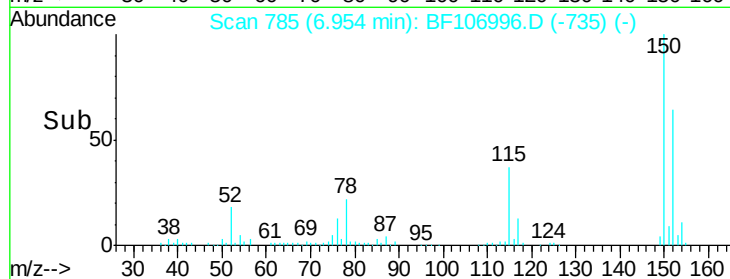
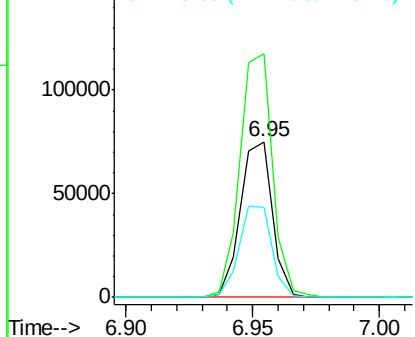
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106996.D
Acq: 30 Jun 2018 1:59

Instrument :
BNA_F
ClientSampleId :
W-2EC

Tgt Ion:152 Resp: 66411
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 57.6 50.1 75.1



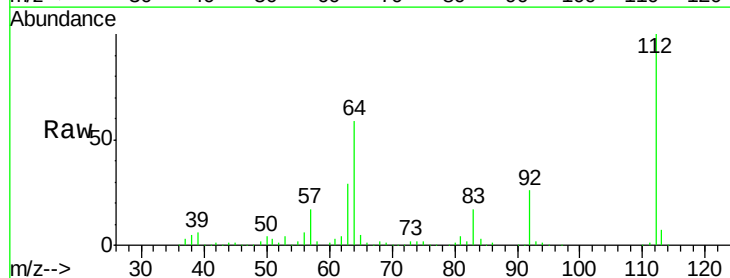
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



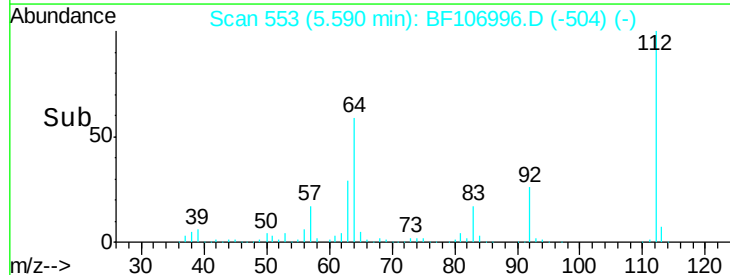
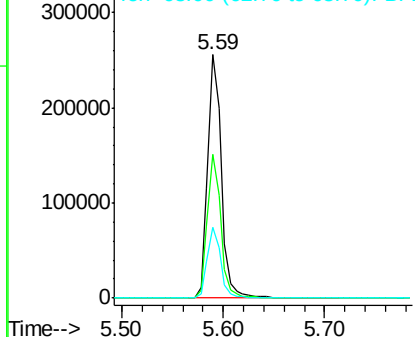
#5

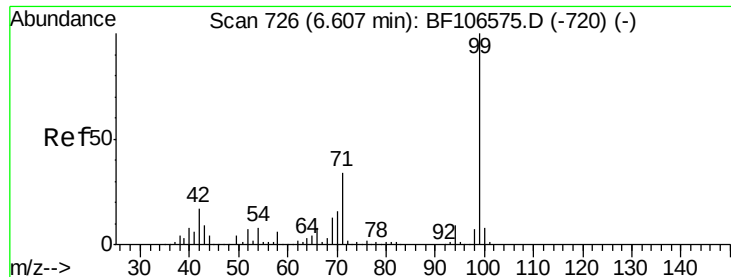
2-Fluorophenol
Concen: 61.159 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106996.D
Acq: 30 Jun 2018 1:59

Tgt Ion:112 Resp: 239861
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 29.1 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: 39.322 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106996.D

Acq: 30 Jun 2018 1:59

Instrument :

BNA_F

ClientSampled :

W-2EC

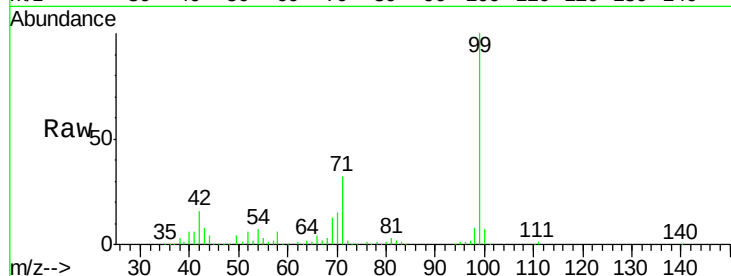
Tgt Ion: 99 Resp: 192589

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

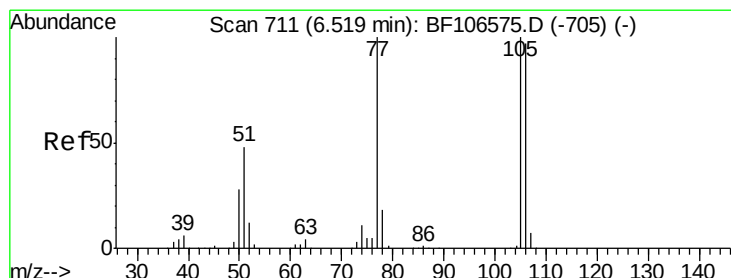
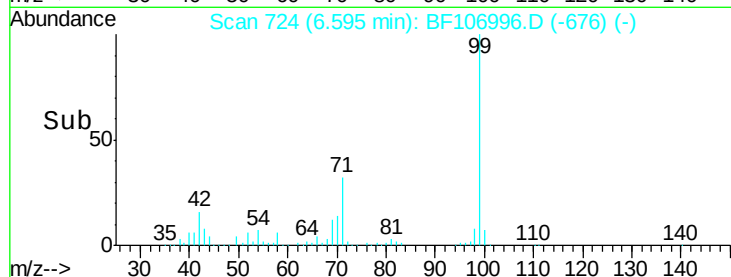
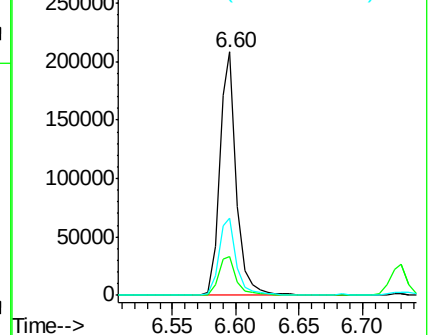
71 32.0 25.4 38.0



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: 2.279 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106996.D

Acq: 30 Jun 2018 1:59

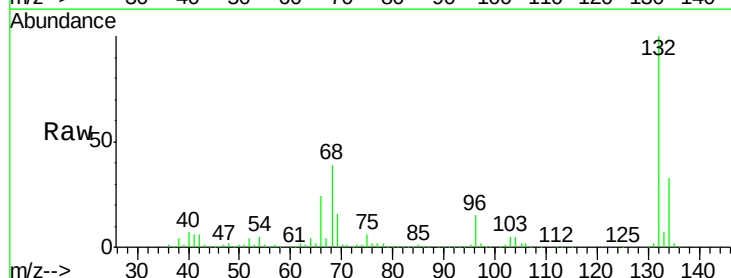
Tgt Ion: 77 Resp: 9388

Ion Ratio Lower Upper

77 100

105 83.8 81.1 121.1

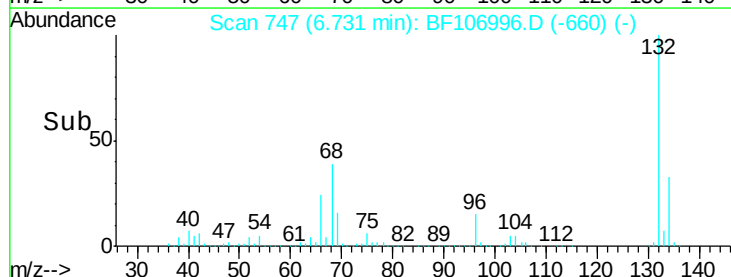
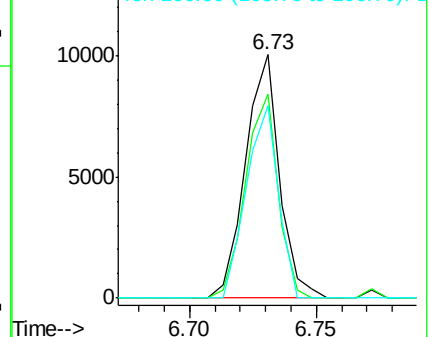
106 79.1 74.5 114.5

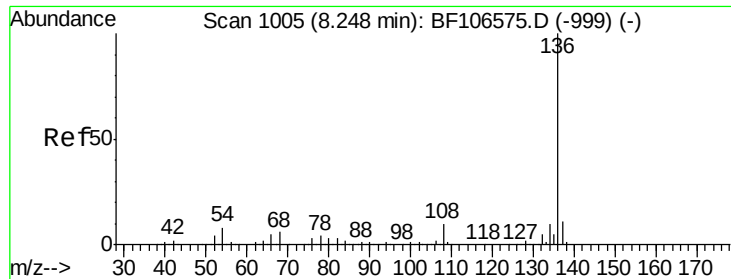


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

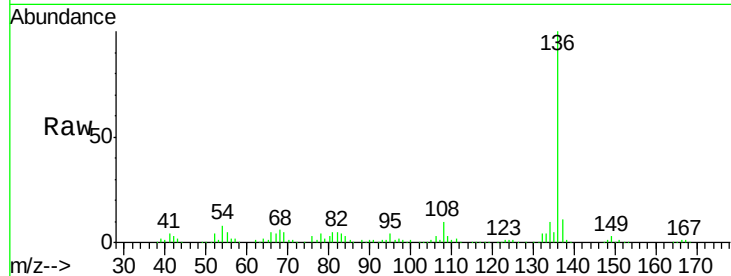




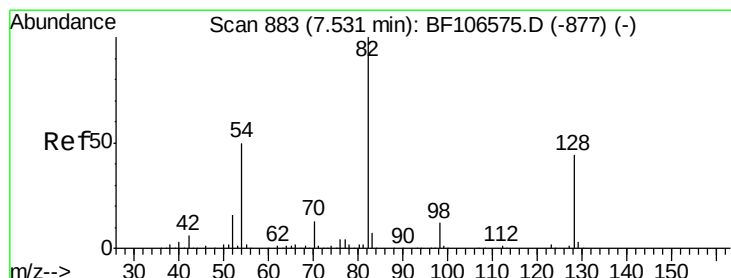
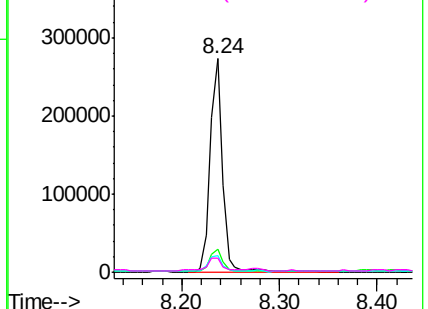
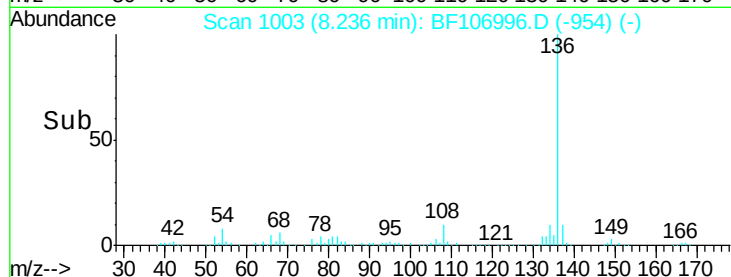
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106996.D
Acq: 30 Jun 2018 1:59

Instrument :
BNA_F
ClientSampleId :
W-2EC

Tgt Ion:	136	Resp:	242927
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	6.4	5.0	7.4

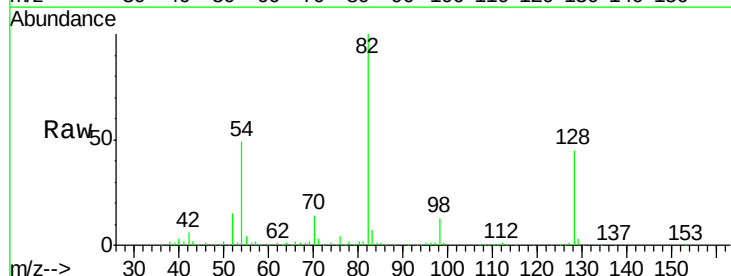


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

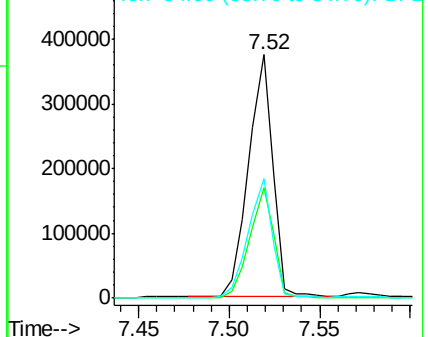
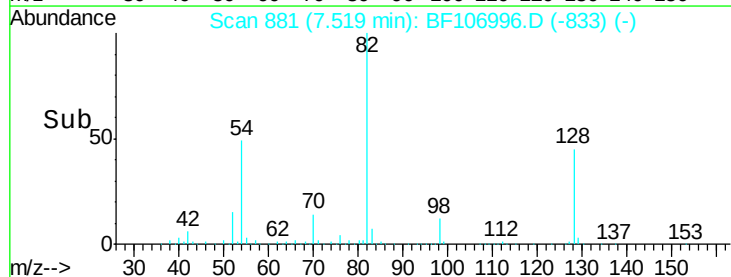


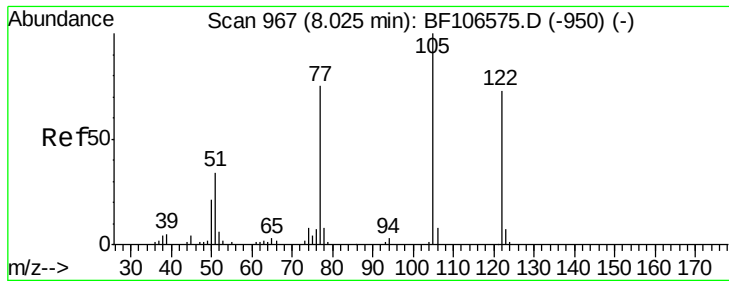
#23
Nitrobenzene-d5
Concen: 80.191 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106996.D
Acq: 30 Jun 2018 1:59

Tgt Ion:	82	Resp:	350537
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	48.9	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





#32

Benzoic acid

Concen: 5.963 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF106996.D

Acq: 30 Jun 2018 1:59

Instrument :

BNA_F

ClientSampleId :

W-2EC

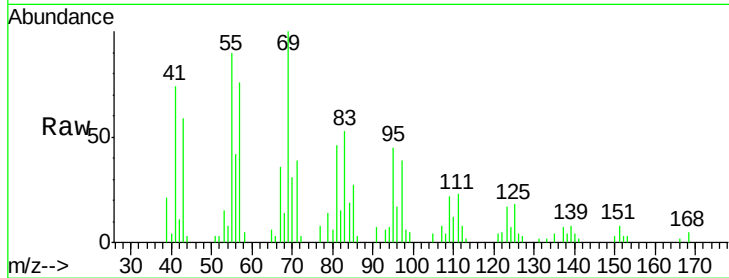
Tgt Ion:122 Resp: 624

Ion Ratio Lower Upper

122 100

105 81.3 101.1 141.1#

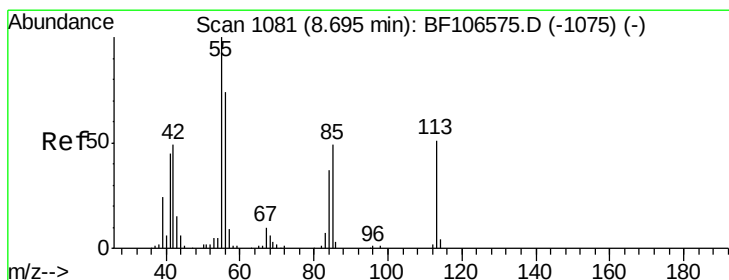
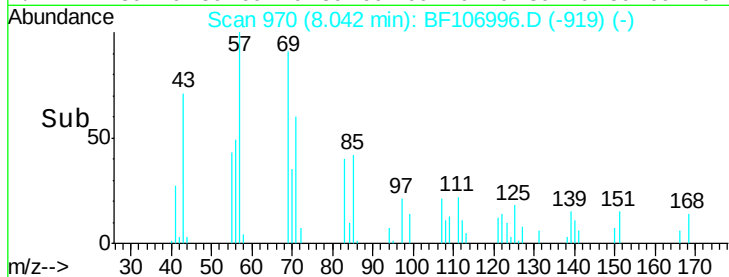
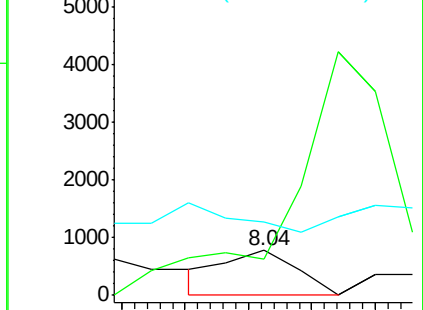
77 162.9 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#35

Caprolactam

Concen: 2.077 ng

RT: 8.67 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BF106996.D

Acq: 30 Jun 2018 1:59

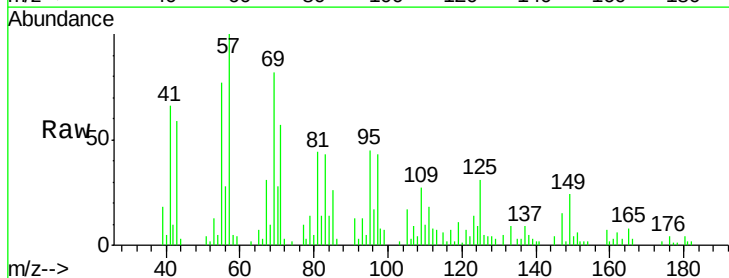
Tgt Ion:113 Resp: 2308

Ion Ratio Lower Upper

113 100

55 1113.7 163.3 203.3#

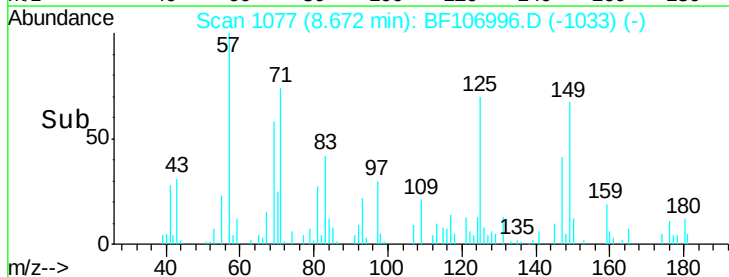
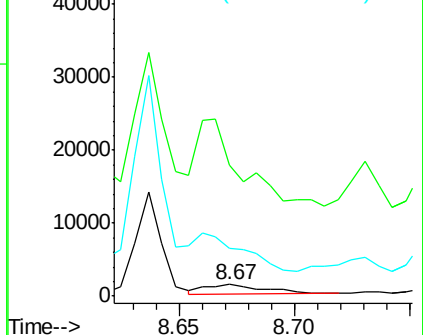
56 406.4 115.7 155.7#

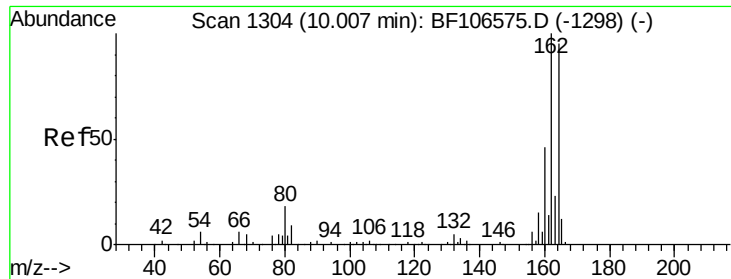


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

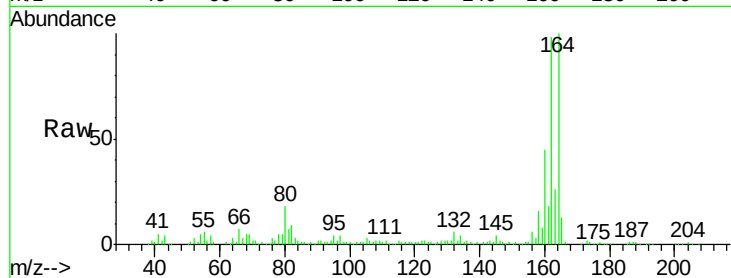




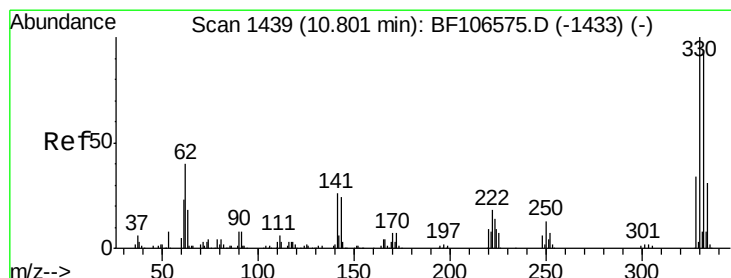
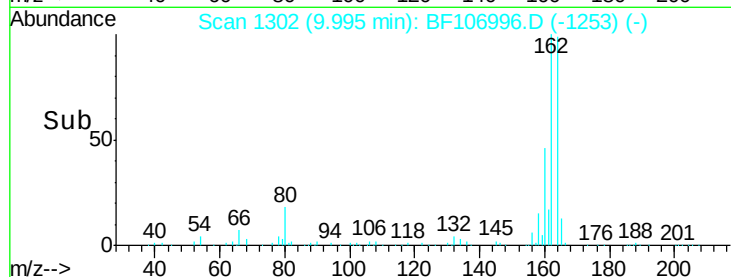
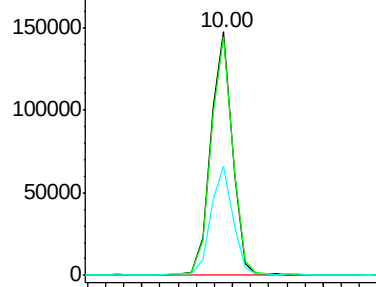
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106996.D
 Acq: 30 Jun 2018 1:59

Instrument :
 BNA_F
 ClientSampleId :
 W-2EC

Tgt Ion:164 Resp: 119952
 Ion Ratio Lower Upper
 164 100
 162 98.1 86.1 129.1
 160 45.1 38.3 57.5

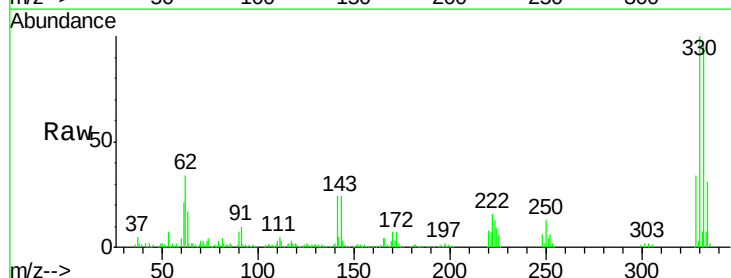


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

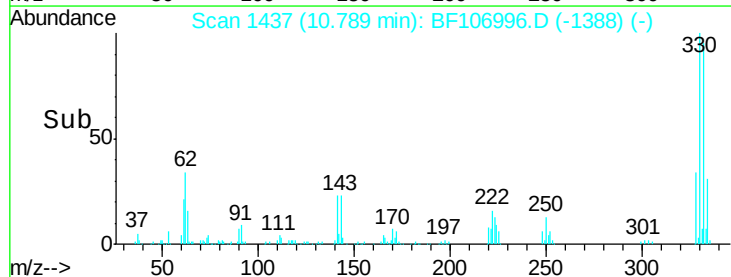
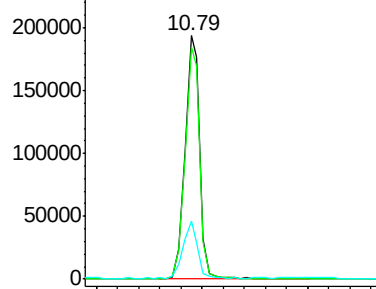


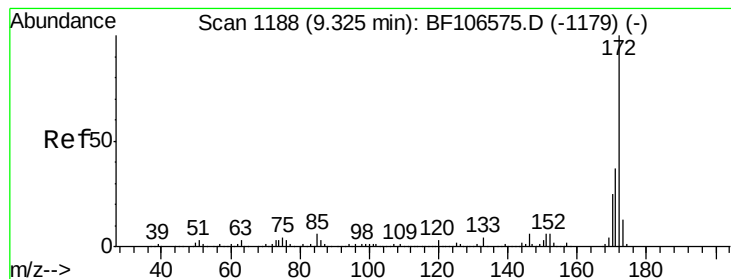
#41
 2,4,6-Tribromophenol
 Concen: 138.408 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106996.D
 Acq: 30 Jun 2018 1:59

Tgt Ion:330 Resp: 192426
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 22.3 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: 98.008 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF106996.D

Acq: 30 Jun 2018 1:59

Instrument :

BNA_F

ClientSampleId :

W-2EC

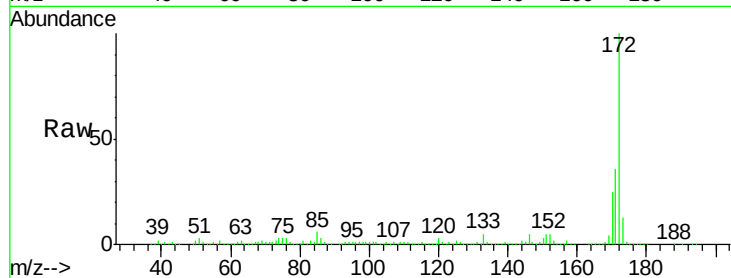
Tgt Ion:172 Resp: 678562

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

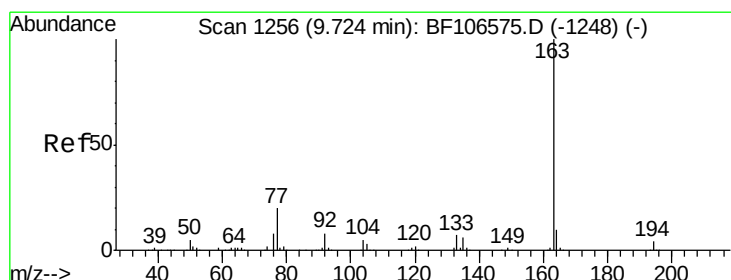
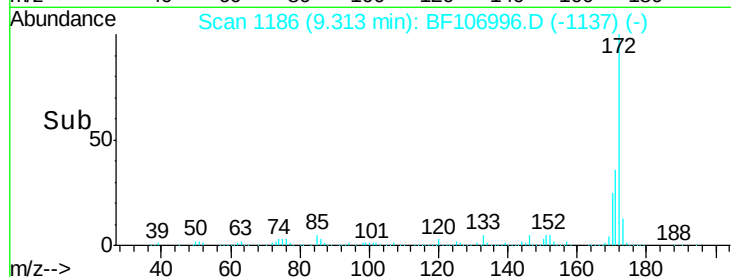
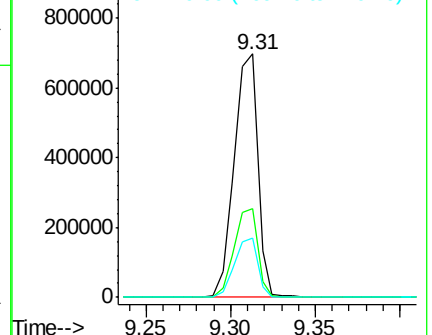
170 24.5 19.6 29.4



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: 7.185 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106996.D

Acq: 30 Jun 2018 1:59

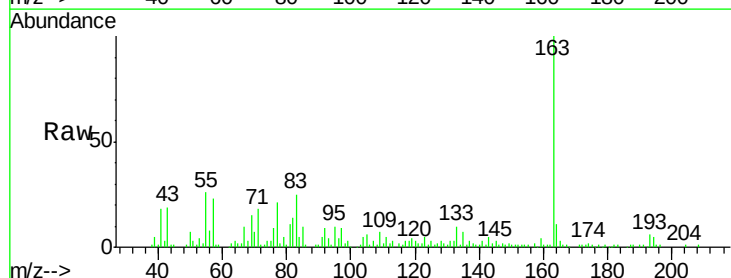
Tgt Ion:163 Resp: 64642

Ion Ratio Lower Upper

163 100

194 4.8 2.7 4.1#

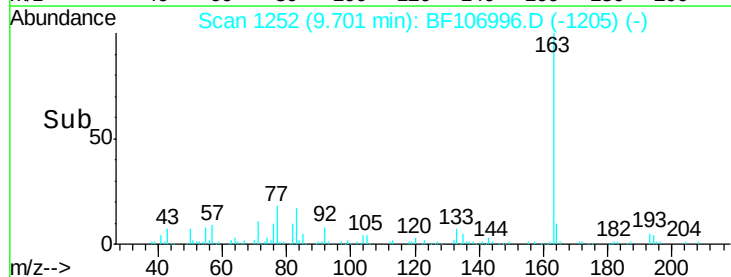
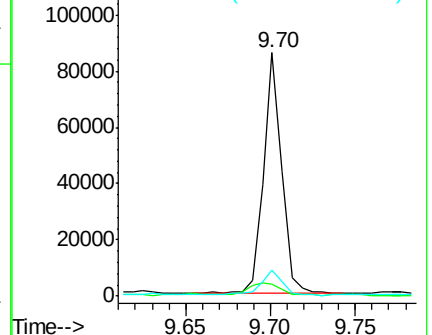
164 10.9 8.2 12.2

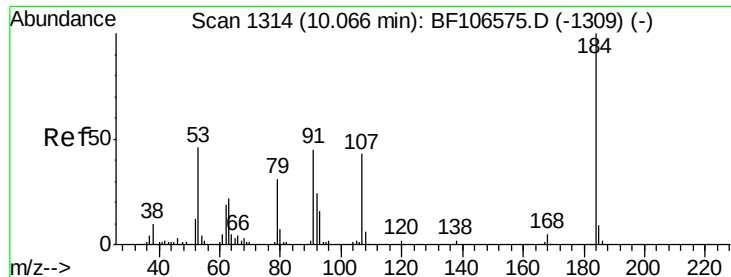


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

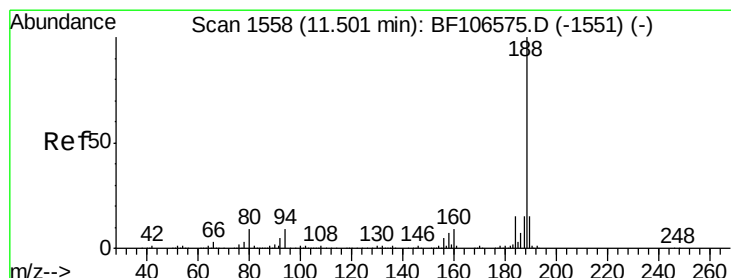
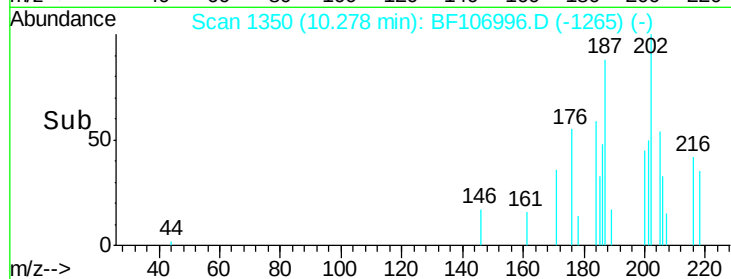
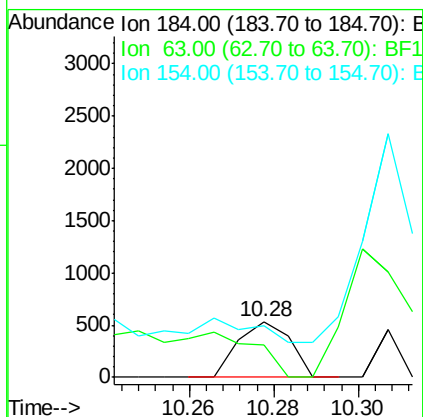
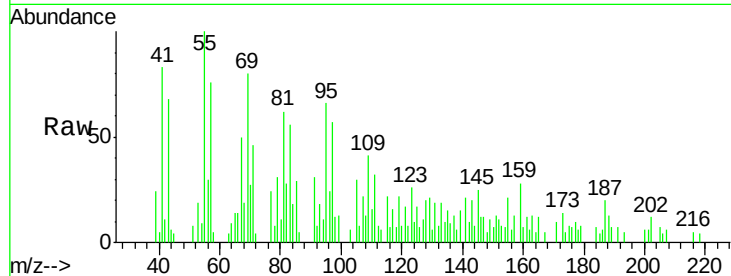




#53
 2,4-Dinitrophenol
 Concen: 5.782 ng
 RT: 10.28 min Scan# 1350
 Delta R.T. 0.20 min
 Lab File: BF106996.D
 Acq: 30 Jun 2018 1:59

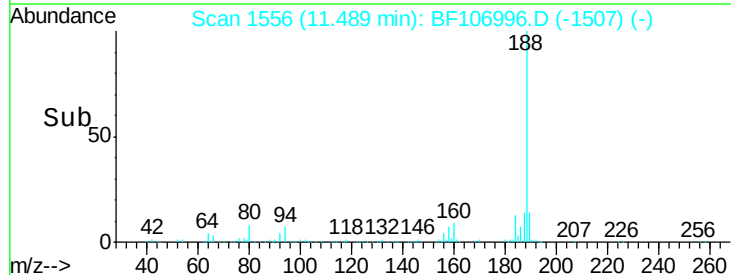
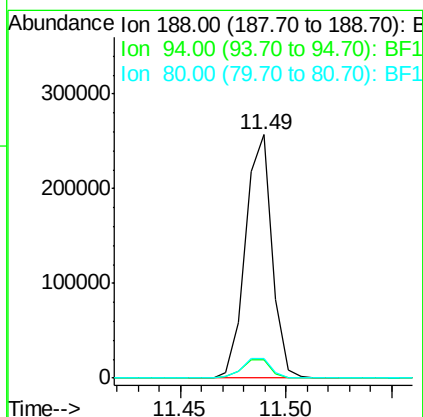
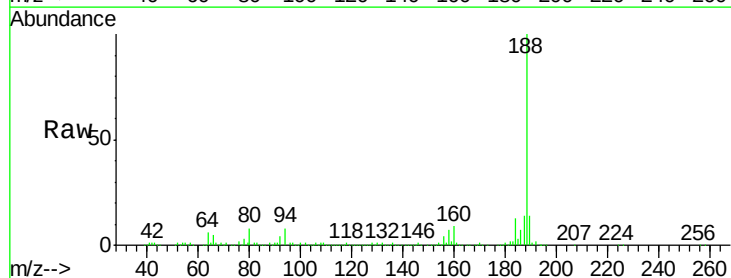
Instrument :
 BNA_F
 ClientSampleId :
 W-2EC

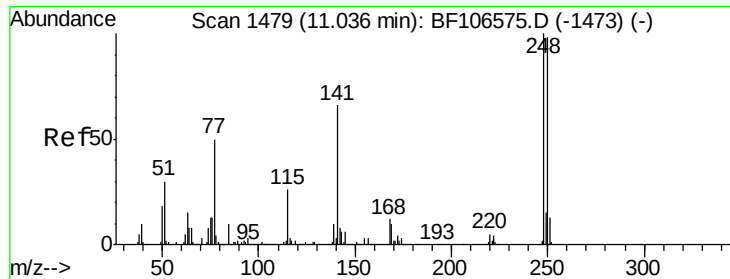
Tgt Ion:184 Resp: 455
 Ion Ratio Lower Upper
 184 100
 63 57.5 54.2 81.2
 154 91.4 184.0 276.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106996.D
 Acq: 30 Jun 2018 1:59

Tgt Ion:188 Resp: 224106
 Ion Ratio Lower Upper
 188 100
 94 7.5 8.5 12.7#
 80 8.0 9.2 13.8#

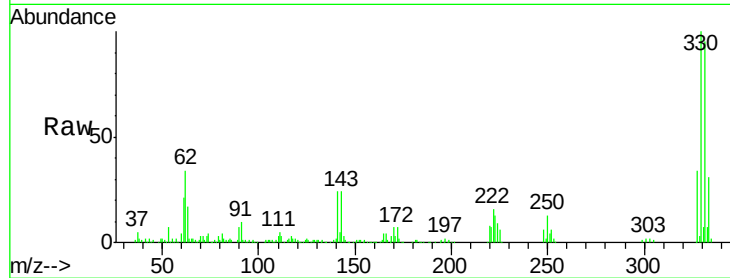




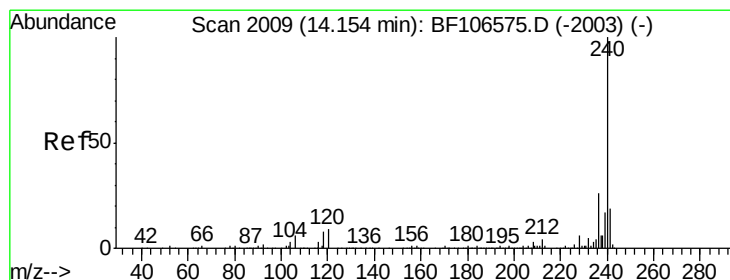
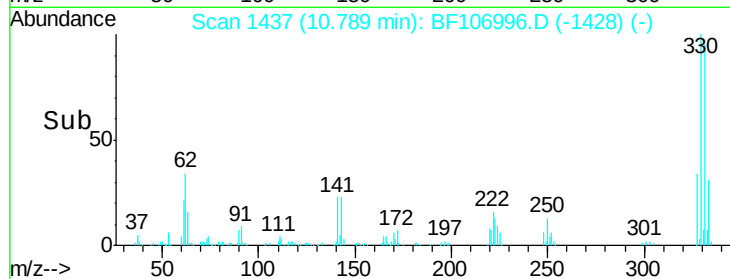
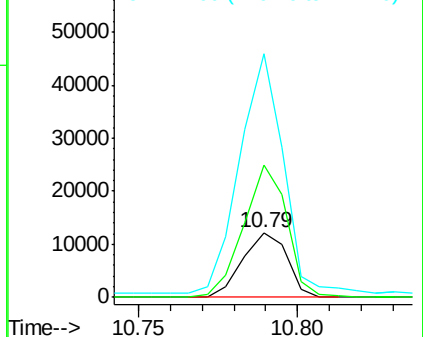
#66
4-Bromophenyl-phenylether
Concen: 4.446 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106996.D
Acq: 30 Jun 2018 1:59

Instrument :
BNA_F
ClientSampleId :
W-2EC

Tgt Ion:248 Resp: 11890
Ion Ratio Lower Upper
248 100
250 203.2 76.9 115.3#
141 375.4 74.4 111.6#

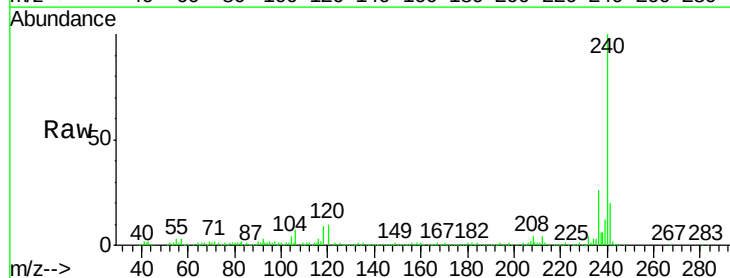


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

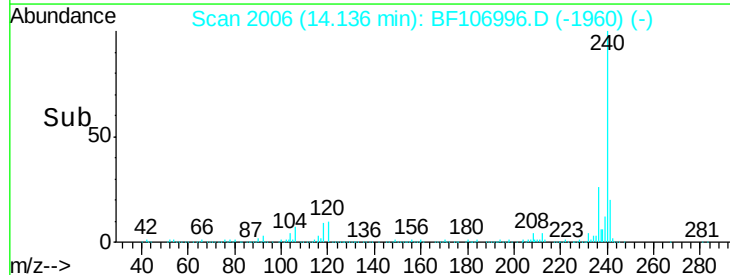
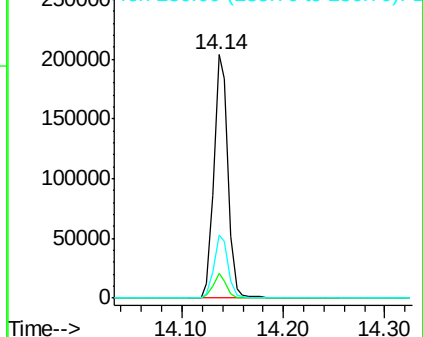


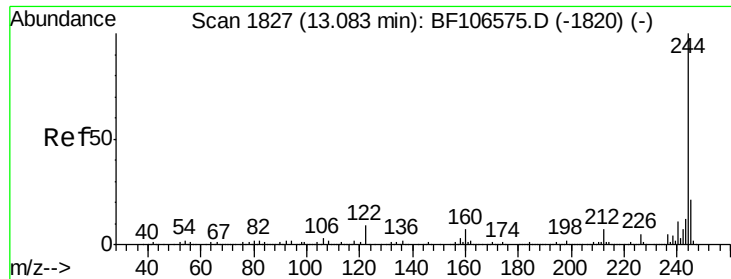
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106996.D
Acq: 30 Jun 2018 1:59

Tgt Ion:240 Resp: 197526
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 26.1 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

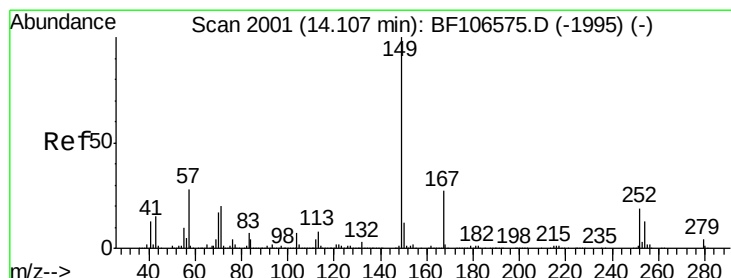
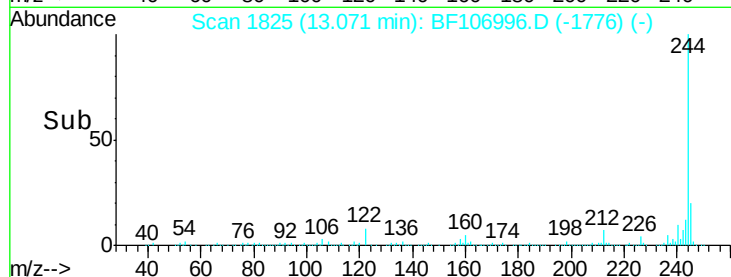
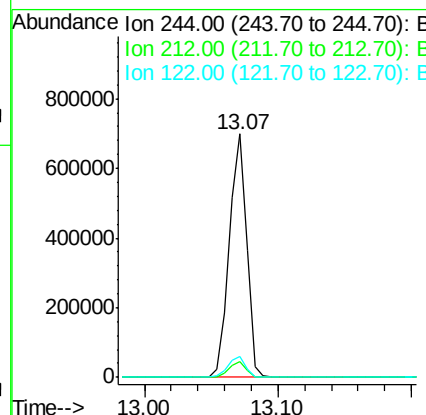
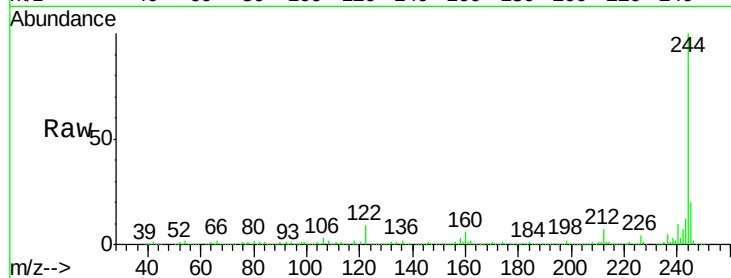




#78
 Terphenyl-d14
 Concen: 79.018 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106996.D
 Acq: 30 Jun 2018 1:59

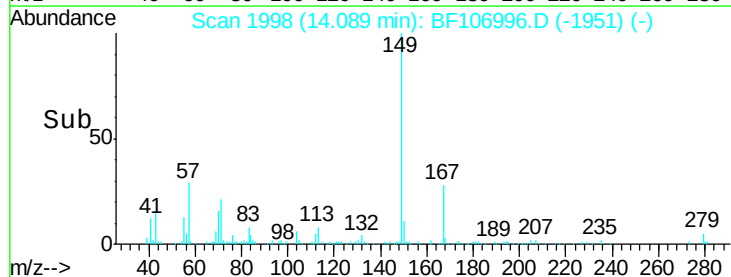
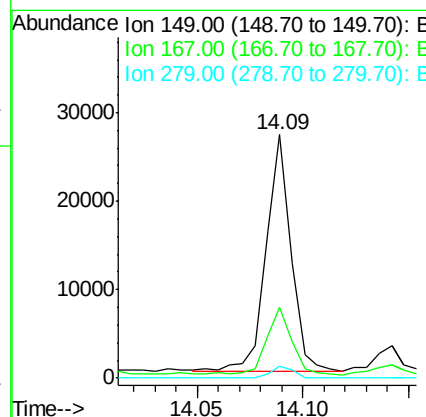
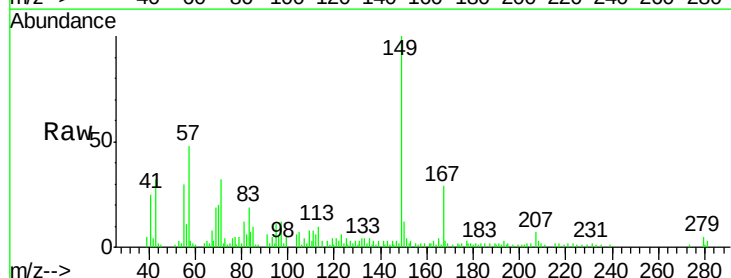
Instrument :
 BNA_F
 ClientSampleId :
 W-2EC

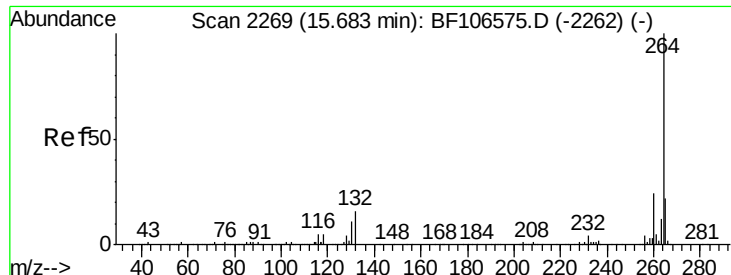
Tgt Ion: 244 Resp: 644349
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.5 11.0 16.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.203 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF106996.D
 Acq: 30 Jun 2018 1:59

Tgt Ion: 149 Resp: 21932
 Ion Ratio Lower Upper
 149 100
 167 29.1 21.3 31.9
 279 5.1 3.0 4.4#

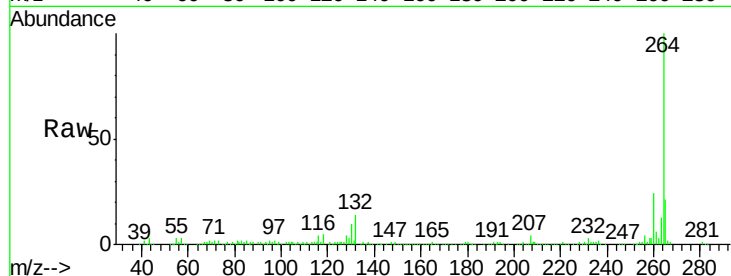




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106996.D
Acq: 30 Jun 2018 1:59

Instrument :
BNA_F
ClientSampleId :
W-2EC

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	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

