

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF106986.D
 Acq On : 29 Jun 2018 21:07
 Operator : JU/SJ
 Sample : J3732-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(14-16)

Quant Time: Jun 29 23:11:09 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

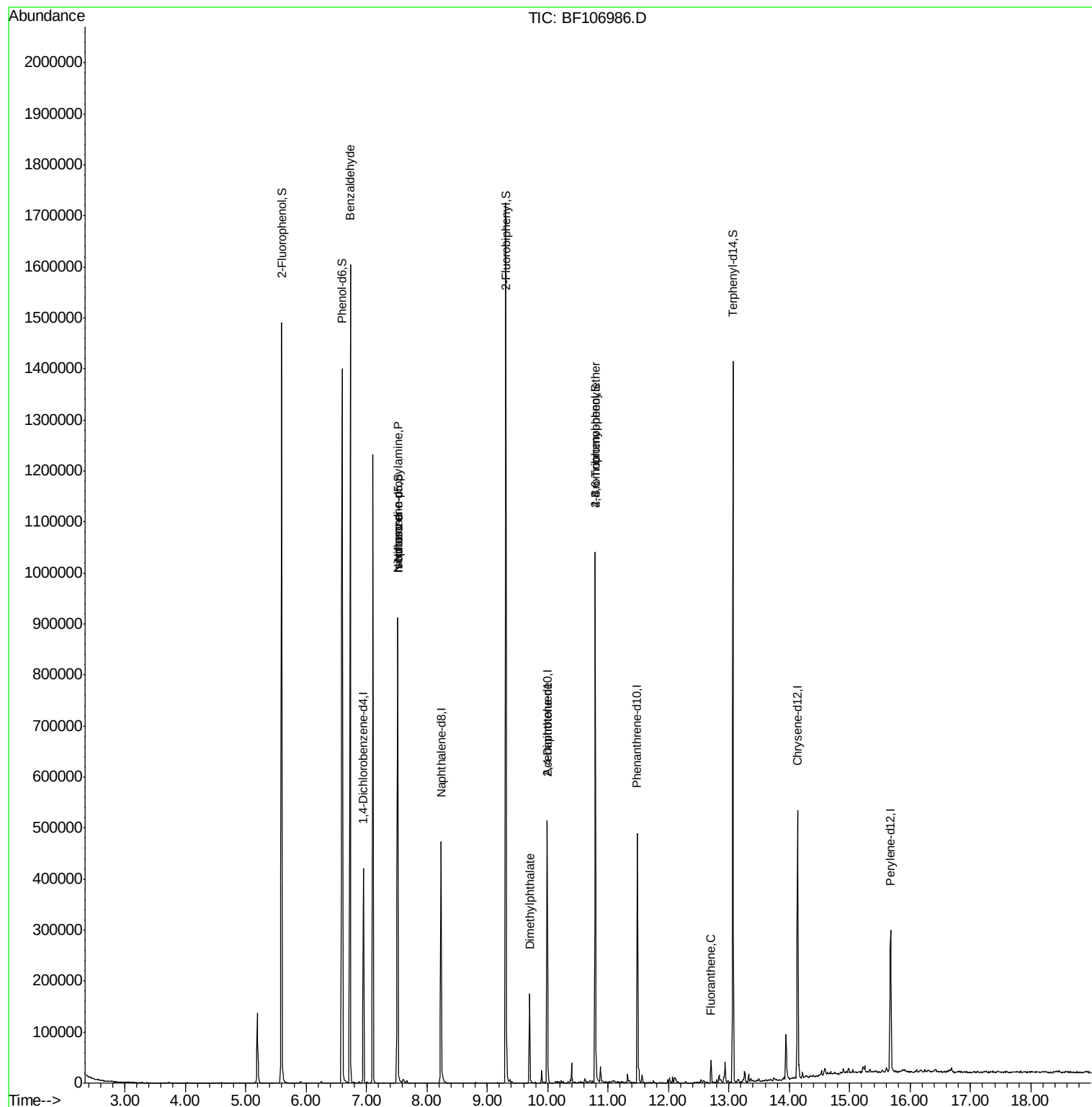
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	65875	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	246426	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	113034	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	195323	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	185165	20.00	ng	-0.03
86) Perylene-d12	15.68	264	147971	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	424626	109.15	ng	0.00
7) Phenol-d6	6.60	99	532009	109.51	ng	-0.02
23) Nitrobenzene-d5	7.52	82	311437	70.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	153526	117.19	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	537390	79.52	ng	-0.02
78) Terphenyl-d14	13.07	244	545234	71.33	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.73	77	9321	2.281	ng	85
19) n-Nitroso-di-n-propylamine	7.52	70	41058	12.821	ng	# 73
25) Isophorone	7.52	82	311434	39.857	ng	# 64
49) Dimethylphthalate	9.70	163	75461	8.901	ng	99
56) 2,4-Dinitrotoluene	9.99	165	14390	6.141	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	9468	4.062	ng	# 1
74) Fluoranthene	12.71	202	20890	2.012	ng	97

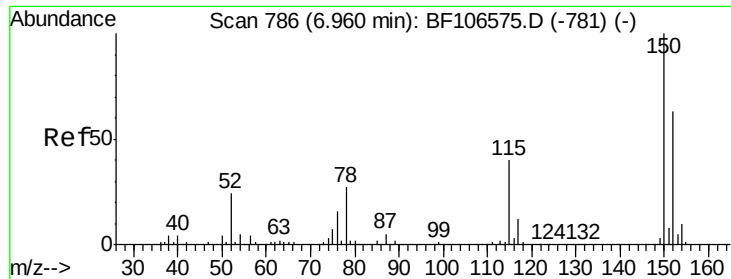
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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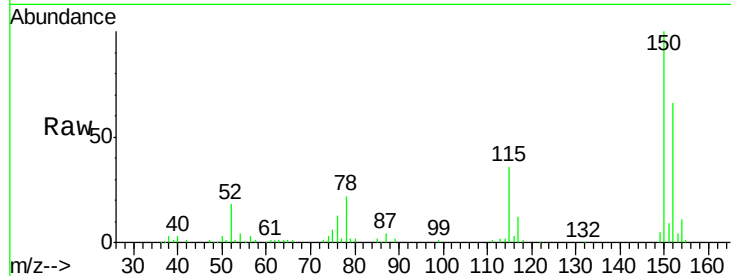


#1

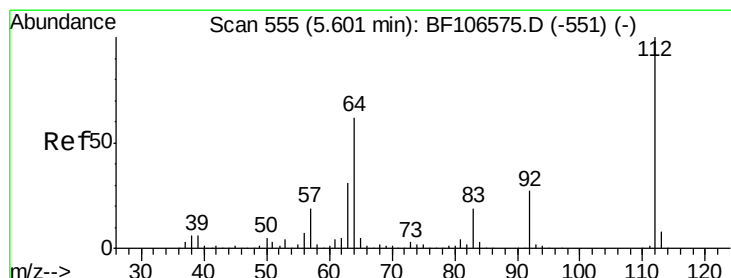
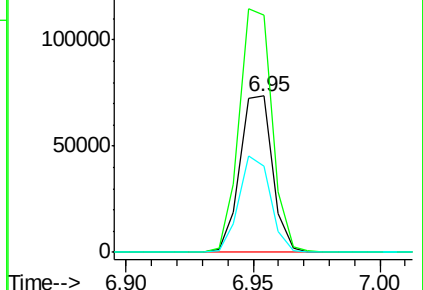
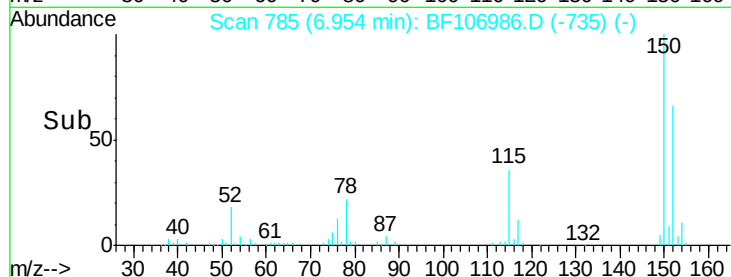
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106986.D
Acq: 29 Jun 2018 21:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(14-16)

Tgt Ion:152 Resp: 65875
Ion Ratio Lower Upper
152 100
150 152.0 124.6 186.8
115 55.1 50.1 75.1



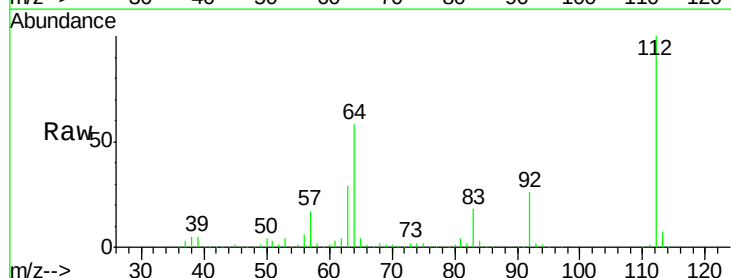
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



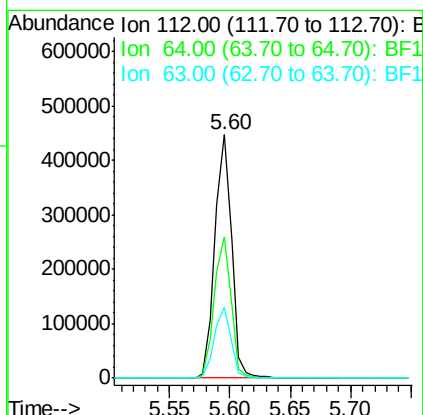
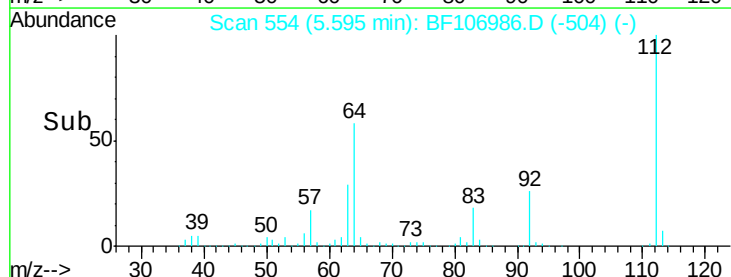
#5

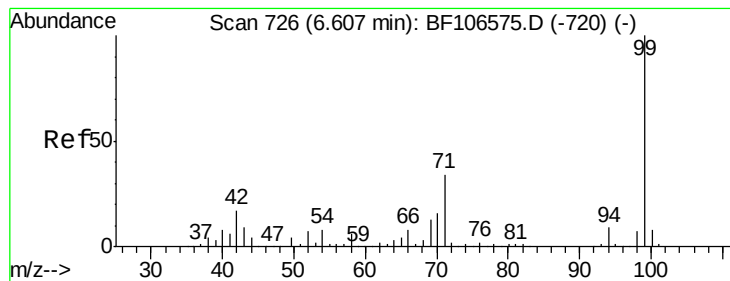
2-Fluorophenol
Concen: 109.150 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106986.D
Acq: 29 Jun 2018 21:07

Tgt Ion:112 Resp: 424626
Ion Ratio Lower Upper
112 100
64 58.0 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: 109.507 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106986.D

Acq: 29 Jun 2018 21:07

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(14-16)

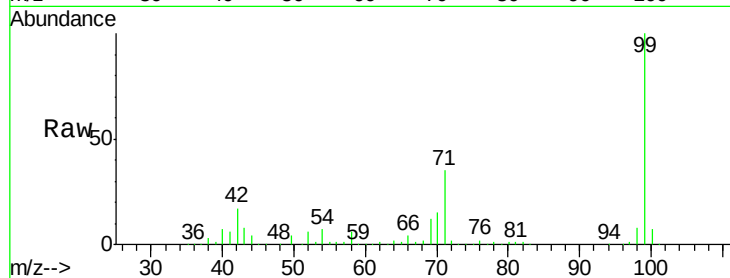
Tgt Ion: 99 Resp: 532009

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

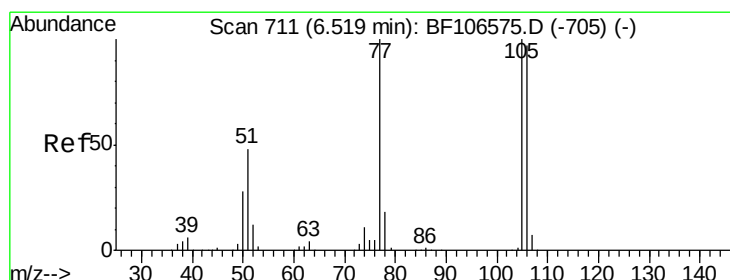
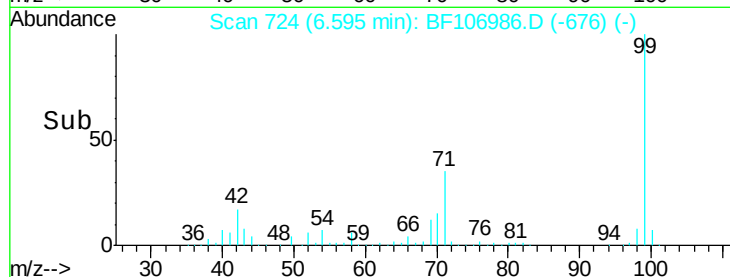
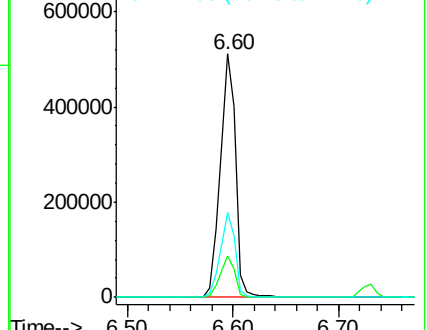
71 34.9 25.4 38.0



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: 2.281 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106986.D

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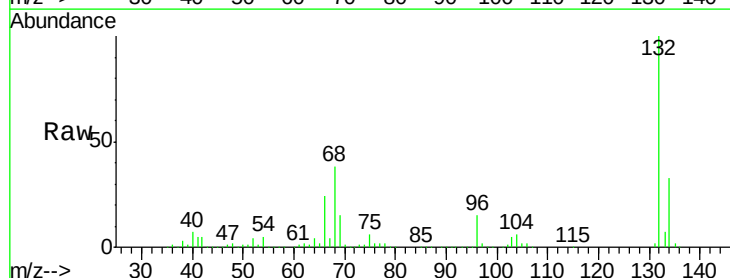
Tgt Ion: 77 Resp: 9321

Ion Ratio Lower Upper

77 100

105 81.5 81.1 121.1

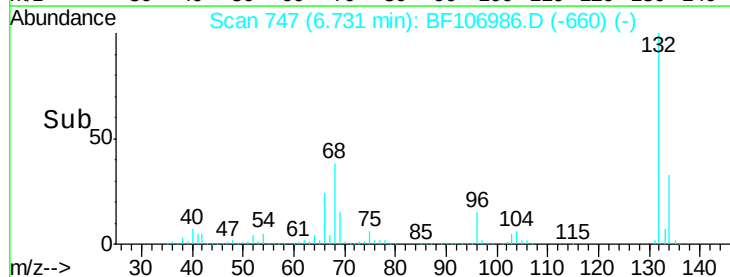
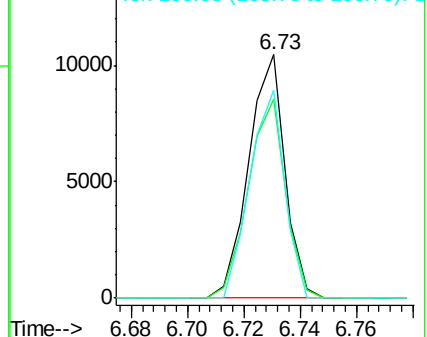
106 85.5 74.5 114.5

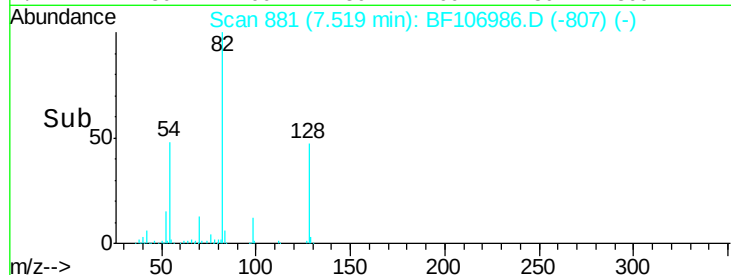
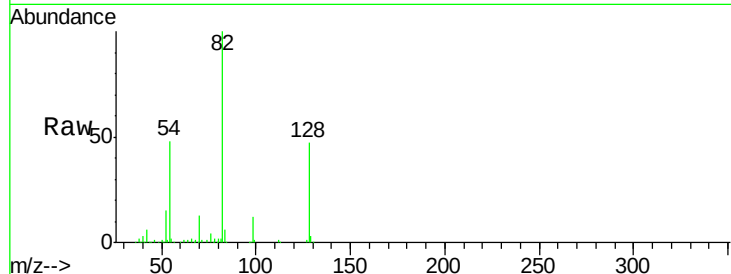
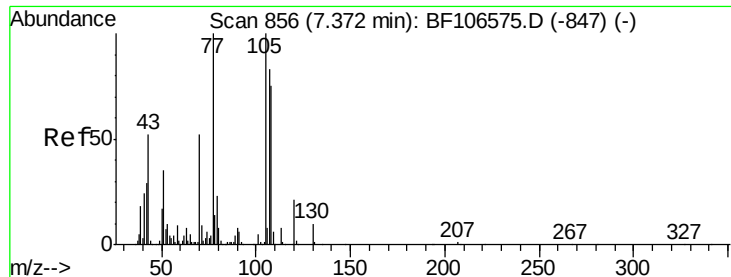


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

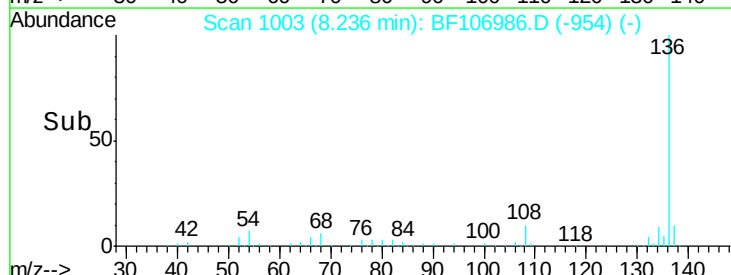
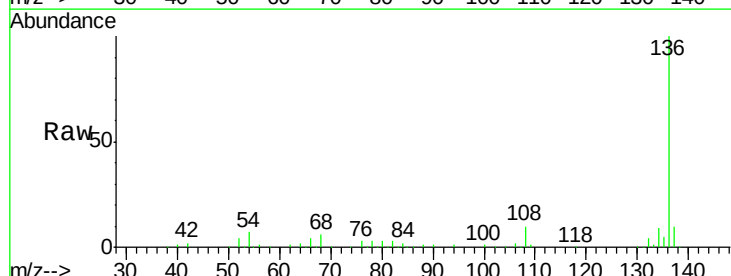
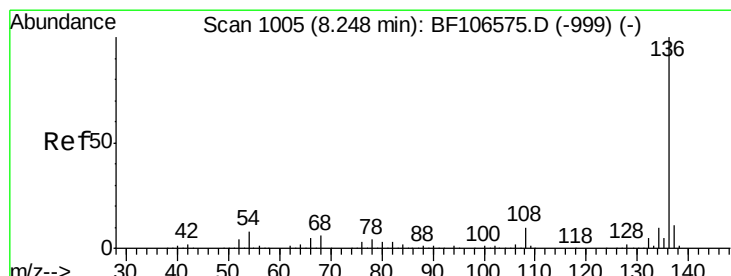
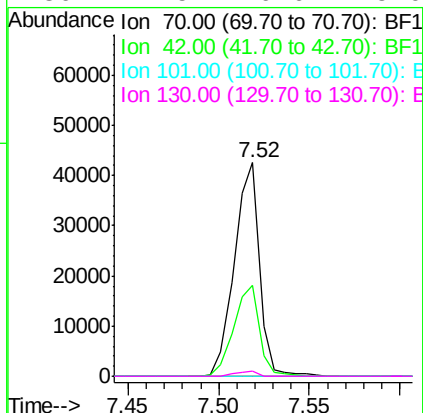




#19
n-Nitroso-di-n-propylamine
Concen: 12.821 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106986.D
Acq: 29 Jun 2018 21:07

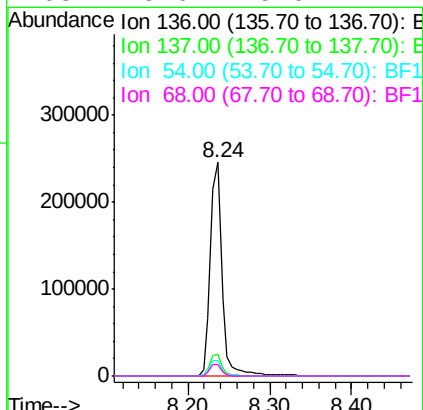
Instrument :
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EPE-106-8(14-16)

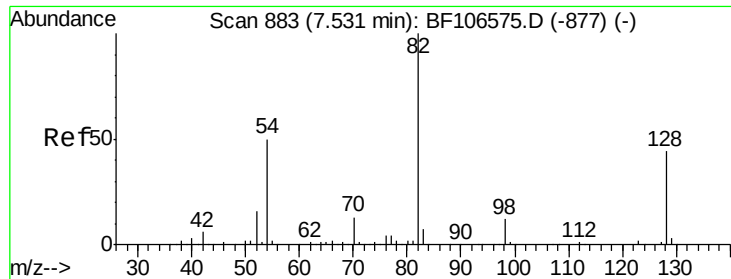
Tgt Ion: 70 Resp: 41058
Ion Ratio Lower Upper
70 100
42 42.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106986.D
Acq: 29 Jun 2018 21:07

Tgt Ion: 136 Resp: 246426
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 7.4 6.6 9.8
68 5.6 5.0 7.4

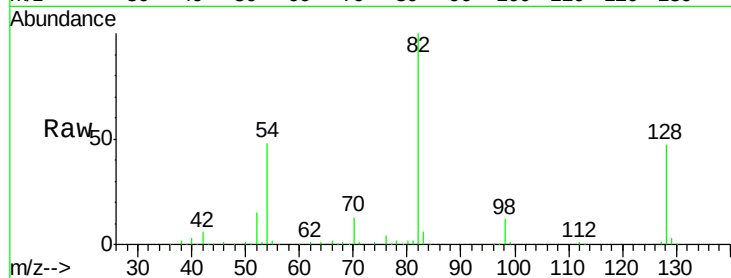




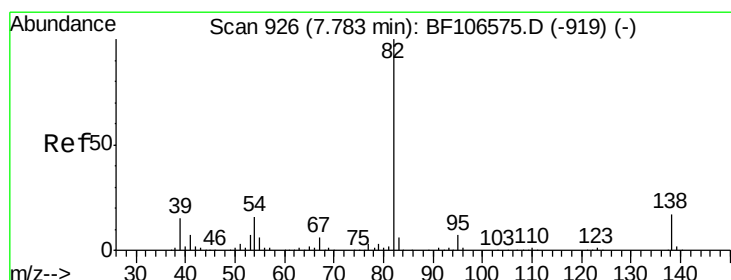
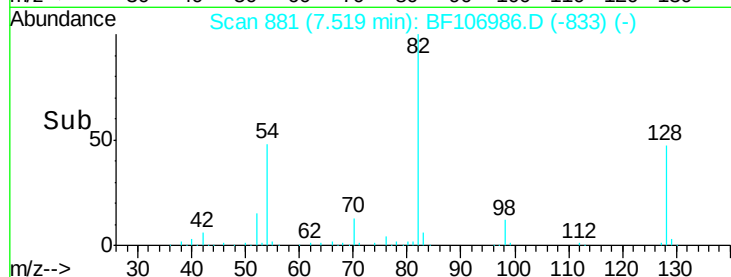
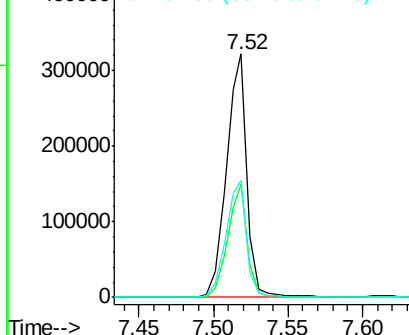
#23
 Nitrobenzene-d5
 Concen: 70.235 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106986.D
 Acq: 29 Jun 2018 21:07

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(14-16)

Tgt Ion: 82 Resp: 311437
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 47.9 41.4 62.2

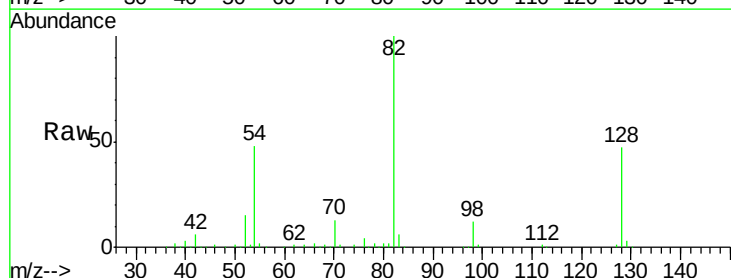


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

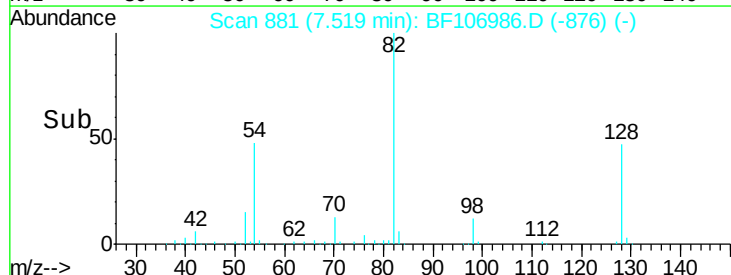
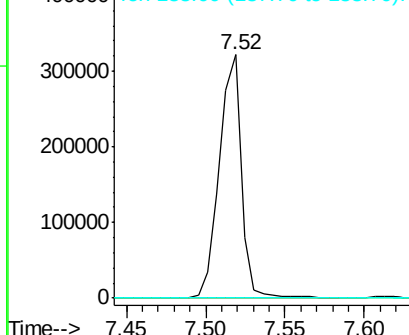


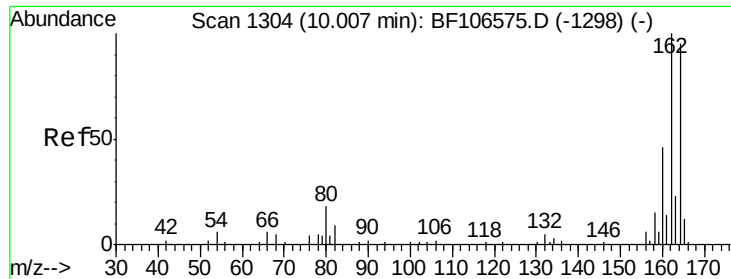
#25
 Isophorone
 Concen: 39.857 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF106986.D
 Acq: 29 Jun 2018 21:07

Tgt Ion: 82 Resp: 311434
 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: BF106986.D

Acq: 29 Jun 2018 21:07

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(14-16)

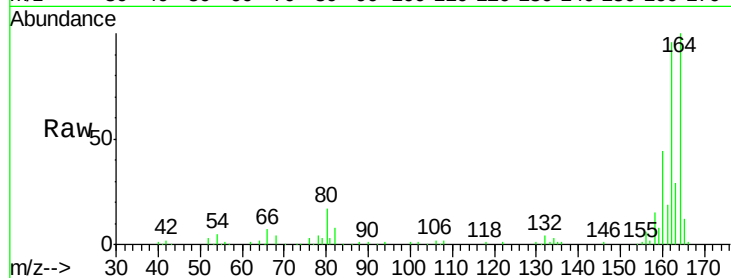
Tgt Ion:164 Resp: 113034

Ion Ratio Lower Upper

164 100

162 95.7 86.1 129.1

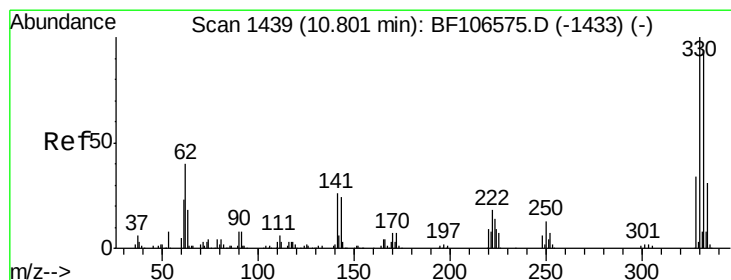
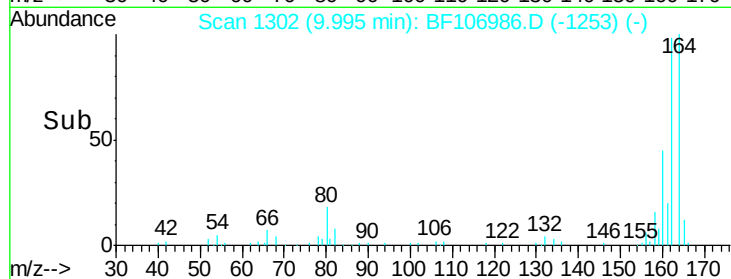
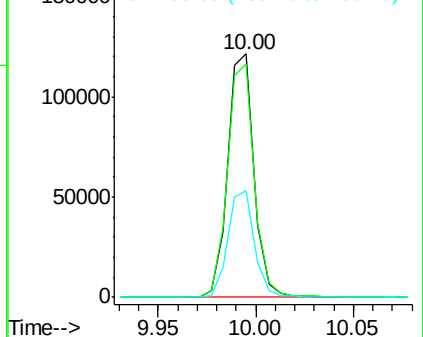
160 44.0 38.3 57.5



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: 117.187 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF106986.D

Acq: 29 Jun 2018 21:07

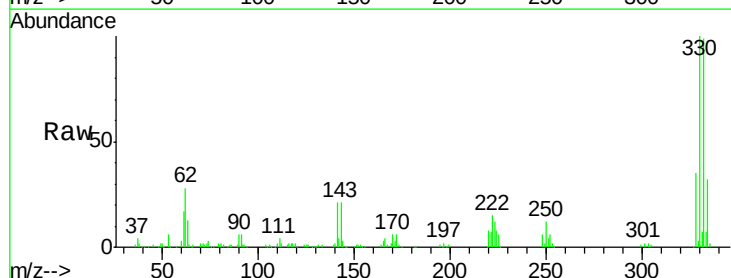
Tgt Ion:330 Resp: 153526

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

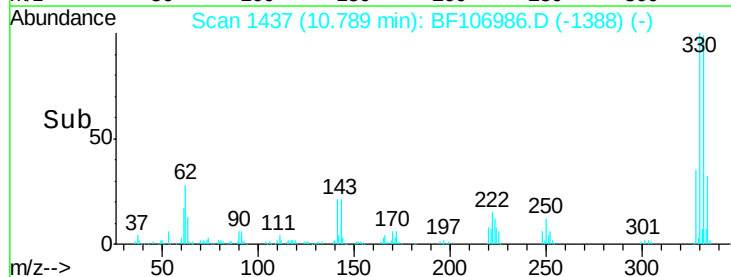
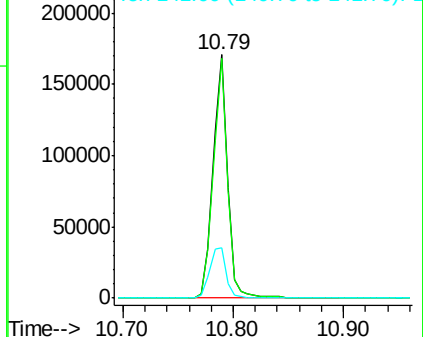
141 23.3 29.9 44.9#

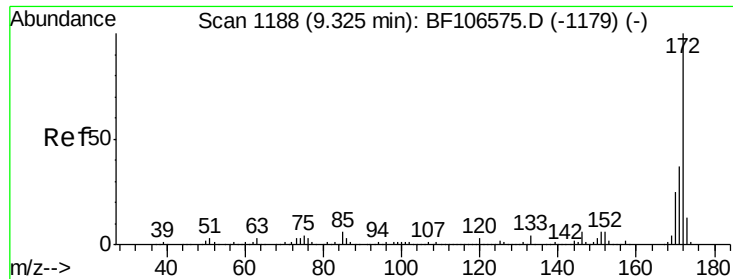


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

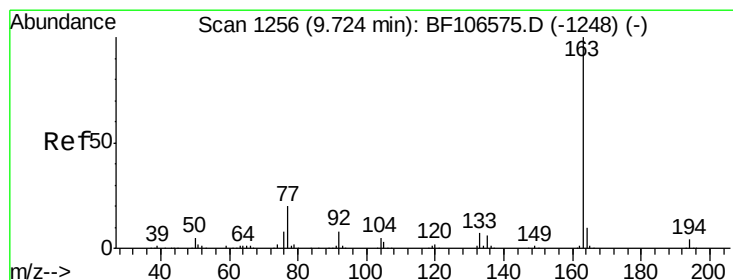
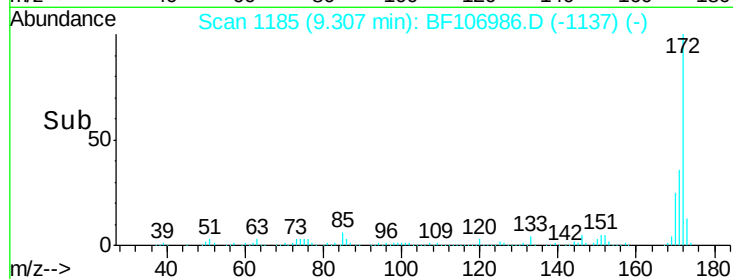
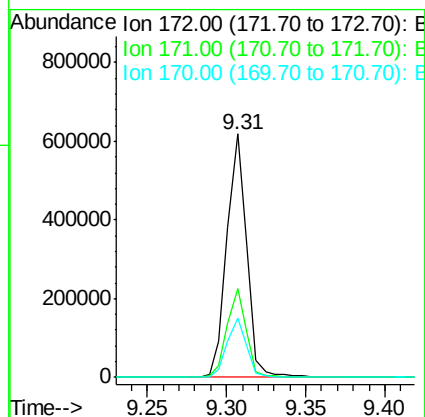
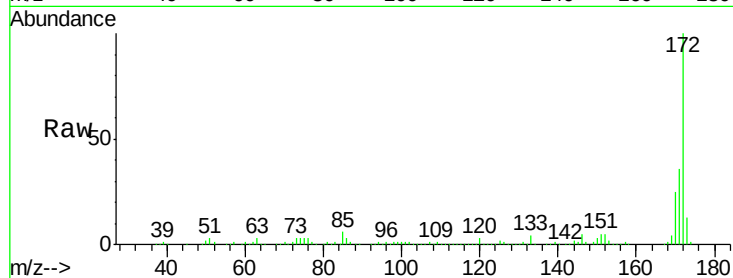




#44
2-Fluorobiphenyl
Concen: 79.520 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106986.D
Acq: 29 Jun 2018 21:07

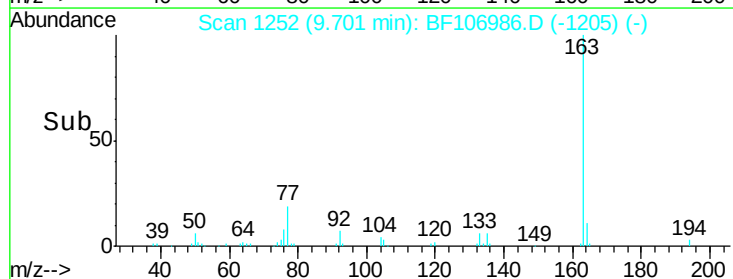
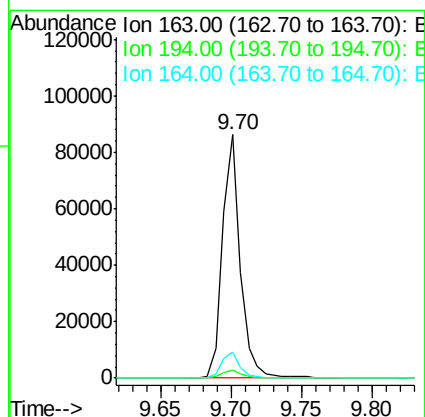
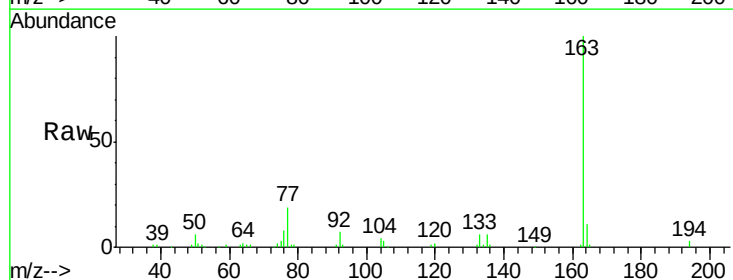
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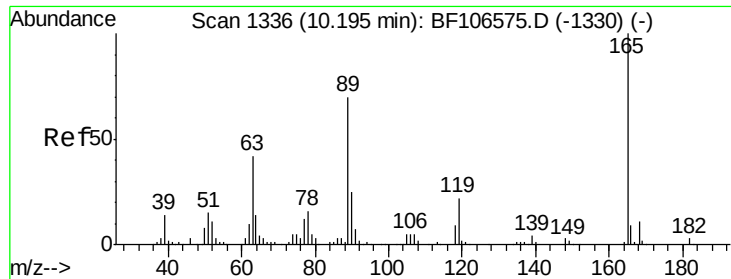
Tgt Ion:172 Resp: 537390
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 8.901 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106986.D
Acq: 29 Jun 2018 21:07

Tgt Ion:163 Resp: 75461
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.7 8.2 12.2

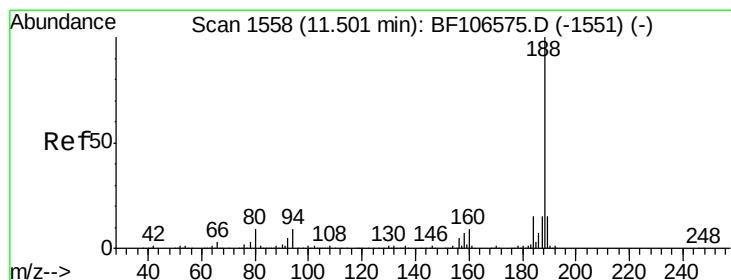
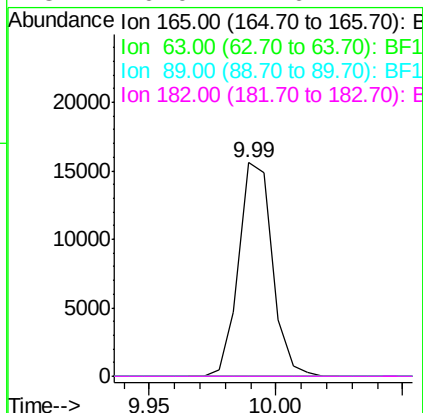
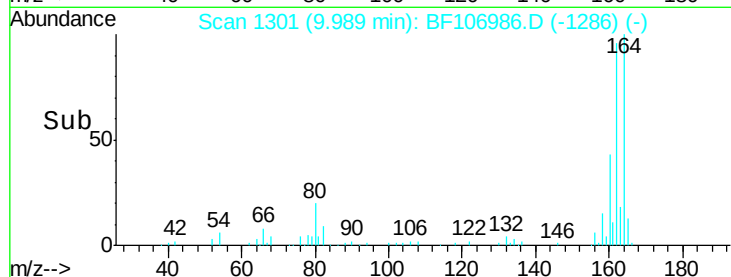
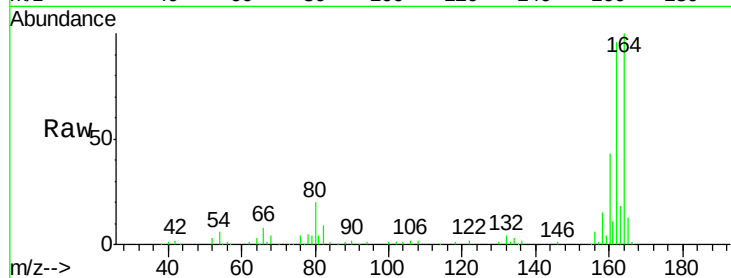




#56
 2,4-Dinitrotoluene
 Concen: 6.141 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF106986.D
 Acq: 29 Jun 2018 21:07

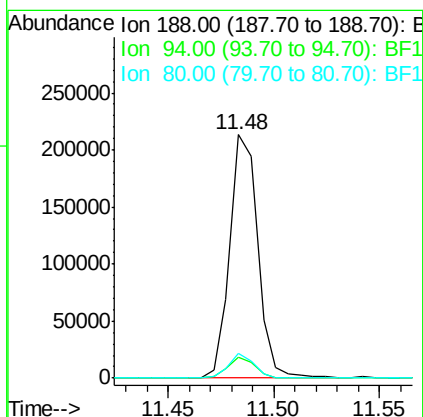
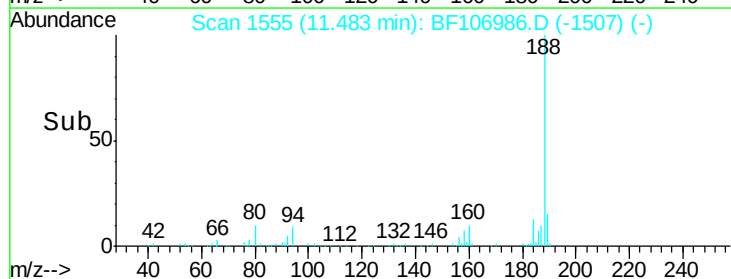
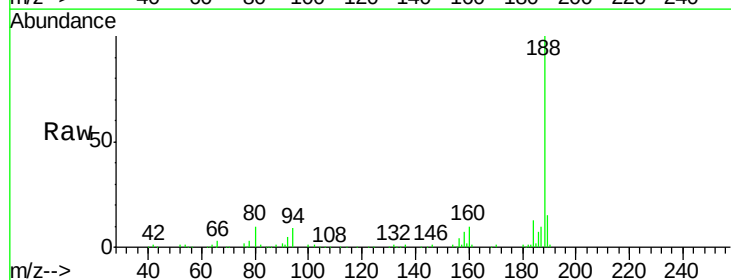
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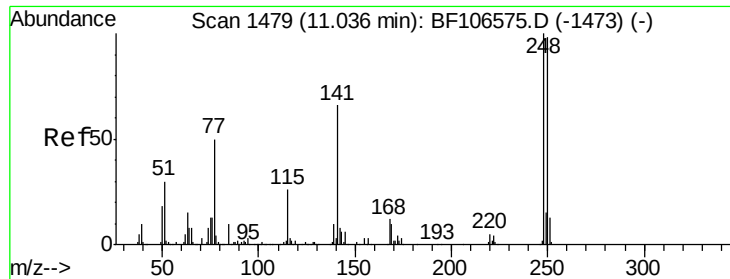
Tgt Ion:	165	Resp:	14390
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF106986.D
 Acq: 29 Jun 2018 21:07

Tgt Ion:	188	Resp:	195323
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	10.1	9.2	13.8

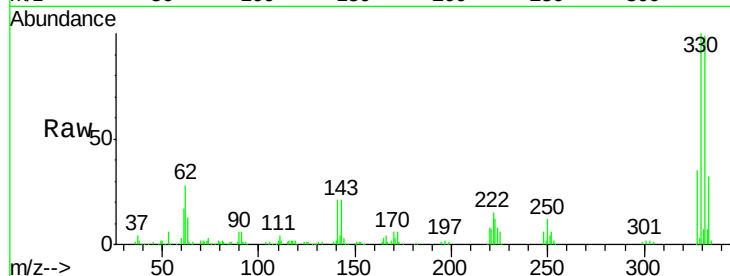




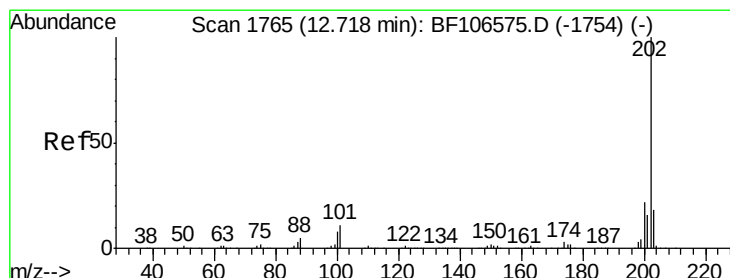
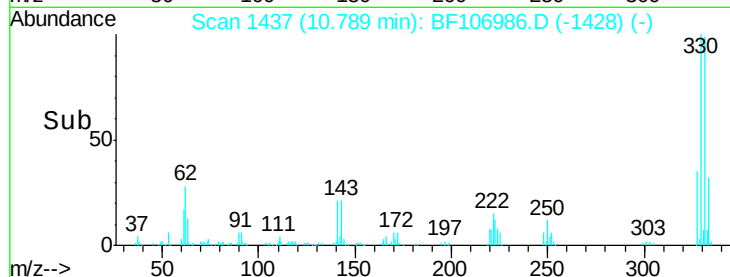
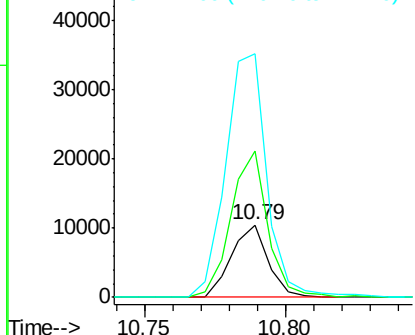
#66
 4-Bromophenyl-phenylether
 Concen: 4.062 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF106986.D
 Acq: 29 Jun 2018 21:07

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(14-16)

Tgt Ion:248 Resp: 9468
 Ion Ratio Lower Upper
 248 100
 250 201.6 76.9 115.3#
 141 336.2 74.4 111.6#

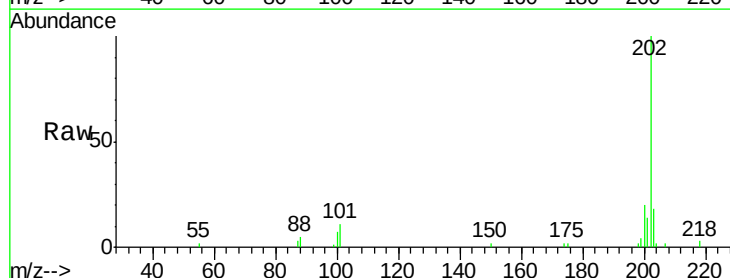


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

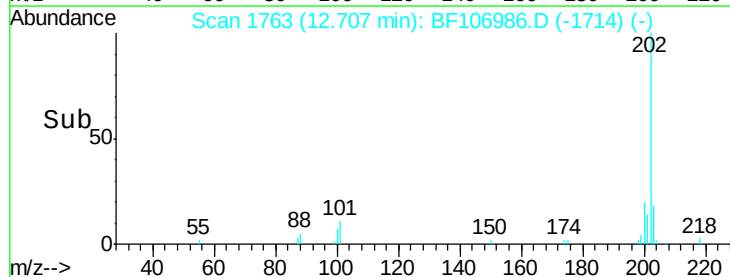
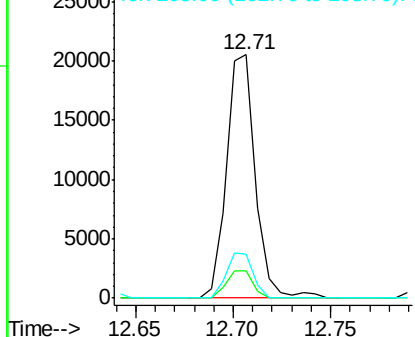


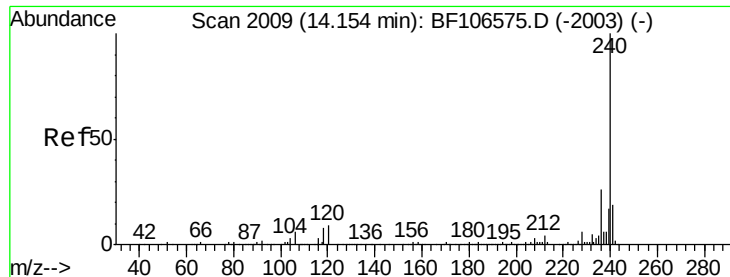
#74
 Fluoranthene
 Concen: 2.012 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF106986.D
 Acq: 29 Jun 2018 21:07

Tgt Ion:202 Resp: 20890
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 34.1
 203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106986.D

Acq: 29 Jun 2018 21:07

Instrument :

BNA_F

ClientSampleId :

EPE-106-8(14-16)

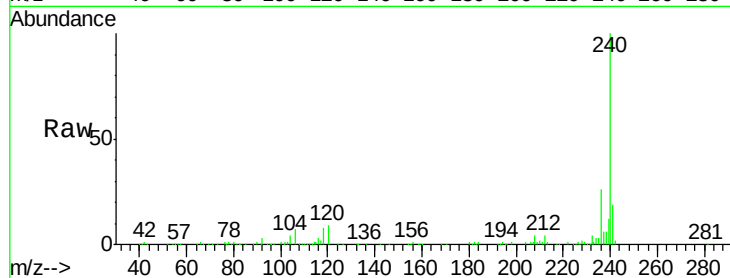
Tgt Ion:240 Resp: 185165

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

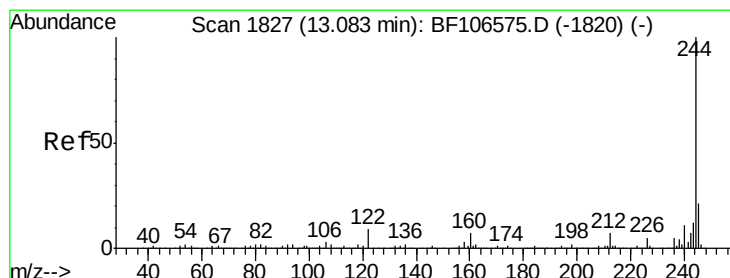
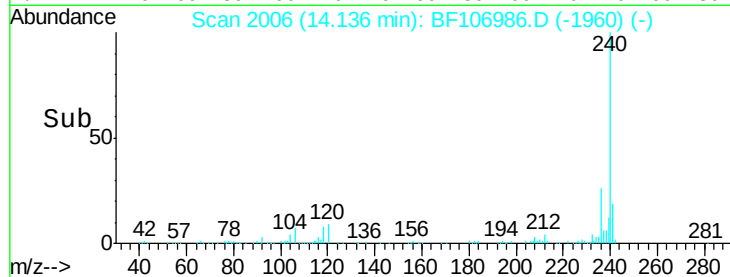
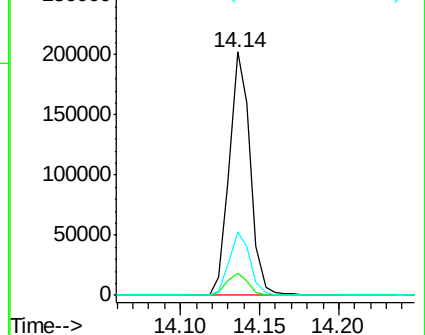
236 25.8 20.7 31.1



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: 71.327 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF106986.D

Acq: 29 Jun 2018 21:07

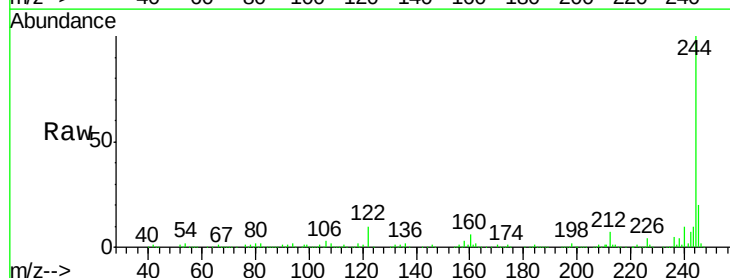
Tgt Ion:244 Resp: 545234

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

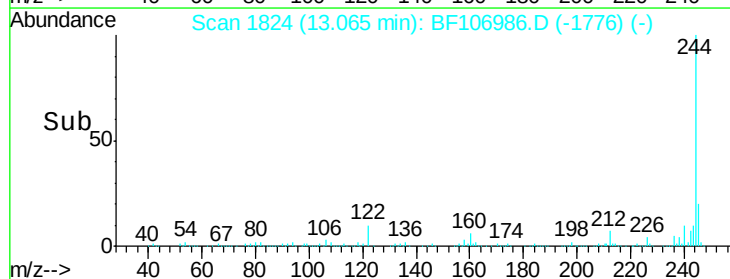
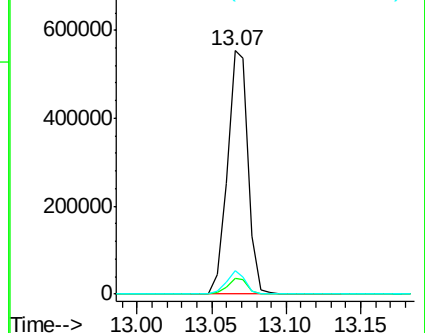
122 9.6 11.0 16.4#

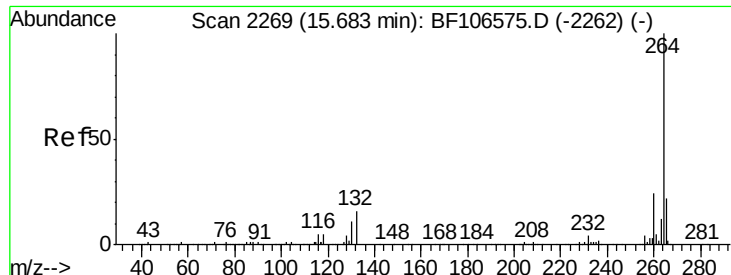


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF106986.D
Acq: 29 Jun 2018 21:07

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(14-16)

Tgt Ion:	264	Resp:	147971
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.2	17.5	26.3

