

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106956.D
 Acq On : 29 Jun 2018 7:35
 Operator : JU/SJ
 Sample : J3693-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-35

Quant Time: Jun 29 07:59:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

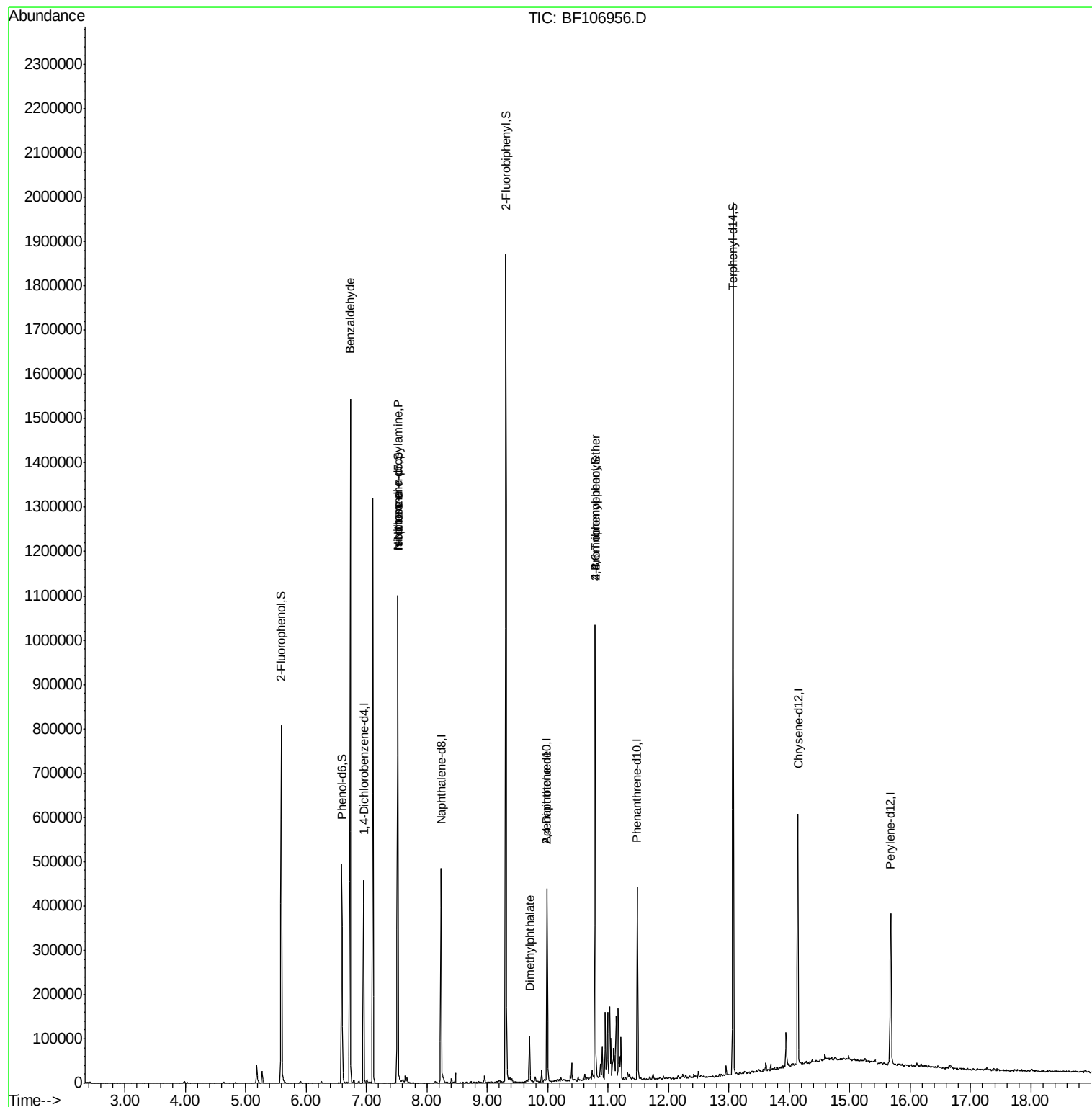
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68789	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	236212	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	96355	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	171114	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	221605	20.00	ng	-0.02
86) Perylene-d12	15.68	264	179082	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	229383	56.47	ng	-0.01
7) Phenol-d6	6.59	99	165243	32.57	ng	-0.02
23) Nitrobenzene-d5	7.52	82	377228	88.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	153455	137.41	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	600982	109.89	ng	-0.02
78) Terphenyl-d14	13.07	244	725536	79.31	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	8773	2.063	ng	# 83
19) n-Nitroso-di-n-propylamine	7.52	70	50096	14.981	ng	# 73
25) Isophorone	7.52	82	377225	50.365	ng	# 64
49) Dimethylphthalate	9.70	163	44768	6.195	ng	# 99
56) 2,4-Dinitrotoluene	9.99	165	12353	6.184	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	9065	4.439	ng	# 1

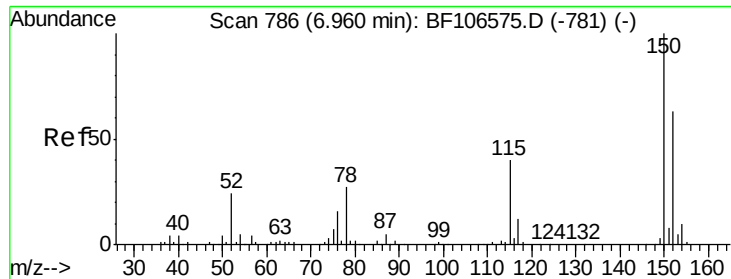
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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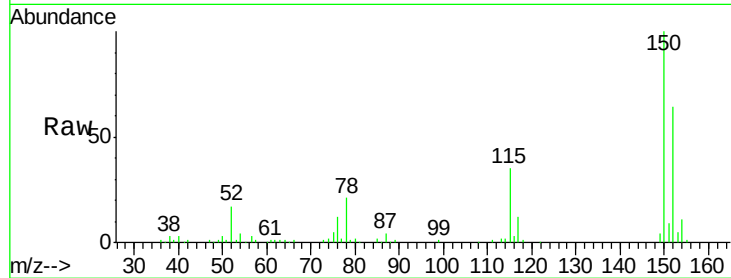


#1

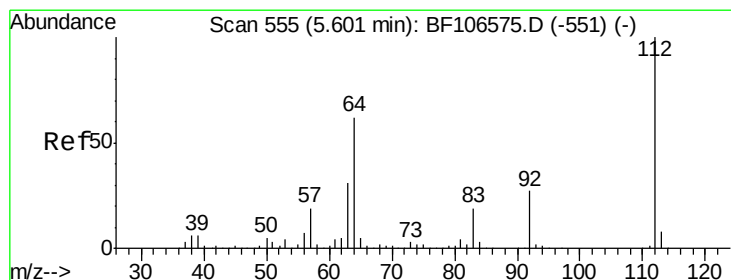
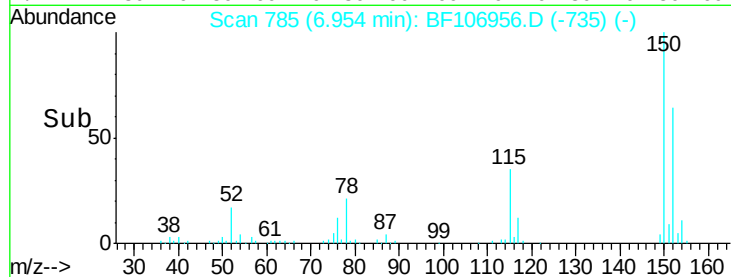
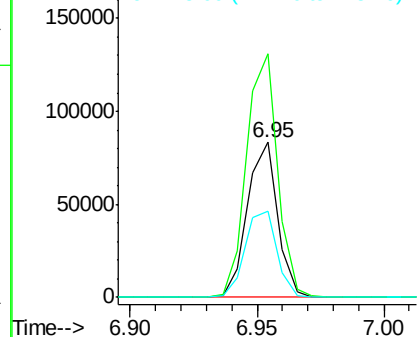
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106956.D
Acq: 29 Jun 2018 7:35

Instrument :
BNA_F
ClientSampleId :
W-35

Tgt Ion:152 Resp: 68789
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 55.6 50.1 75.1



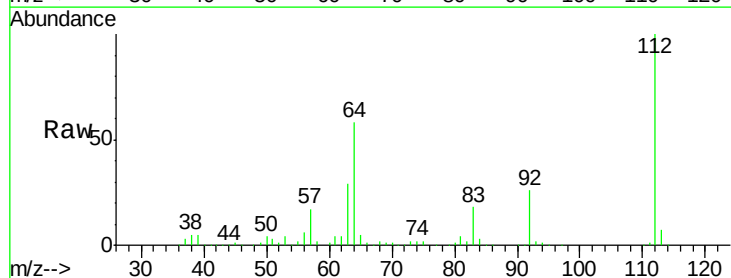
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



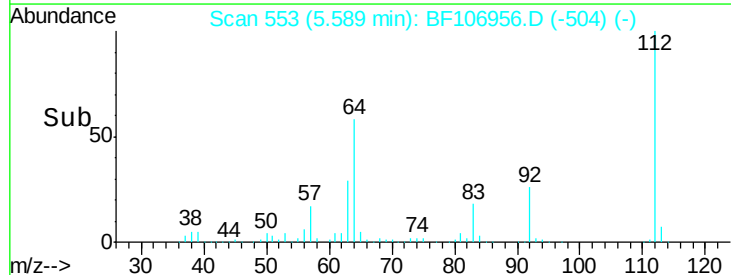
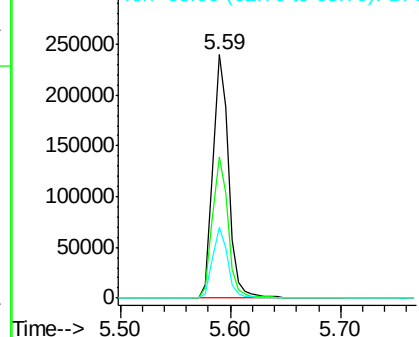
#5

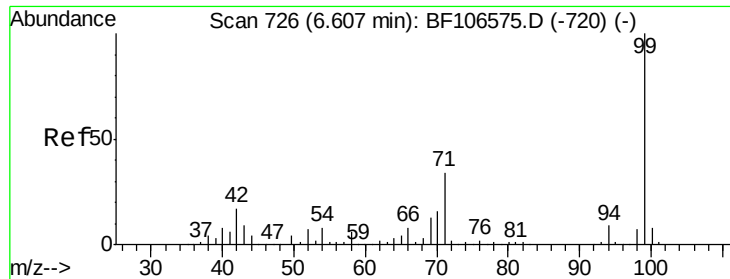
2-Fluorophenol
Concen: 56.465 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106956.D
Acq: 29 Jun 2018 7:35

Tgt Ion:112 Resp: 229383
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.3 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: 32.572 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106956.D

Acq: 29 Jun 2018 7:35

Instrument :

BNA_F

ClientSampled :

W-35

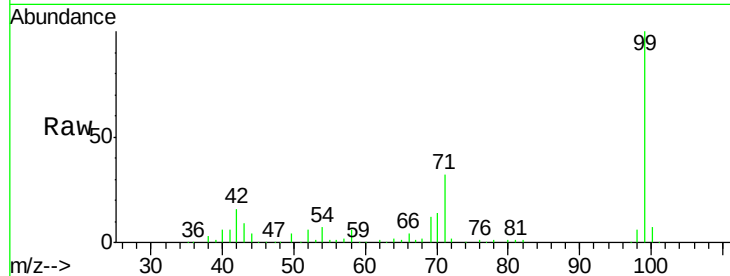
Tgt Ion: 99 Resp: 165243

Ion Ratio Lower Upper

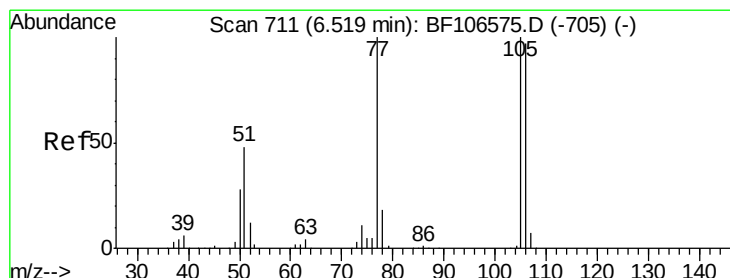
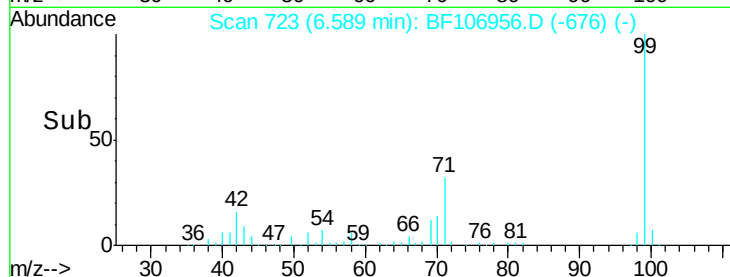
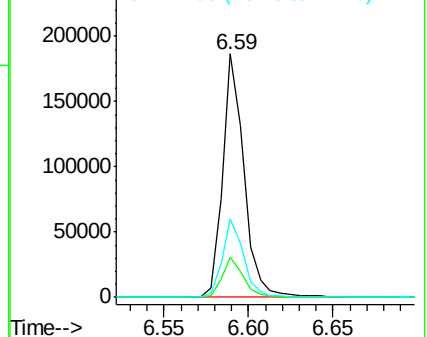
99 100

42 16.4 14.5 21.7

71 32.3 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: 2.063 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106956.D

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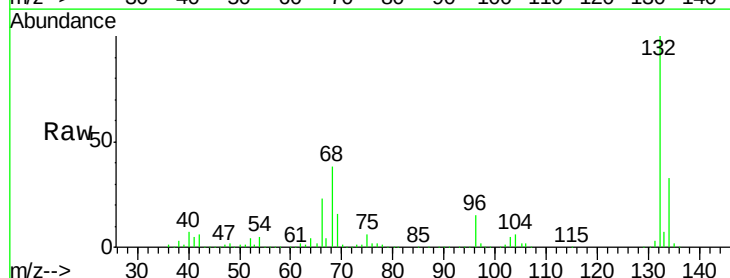
Tgt Ion: 77 Resp: 8773

Ion Ratio Lower Upper

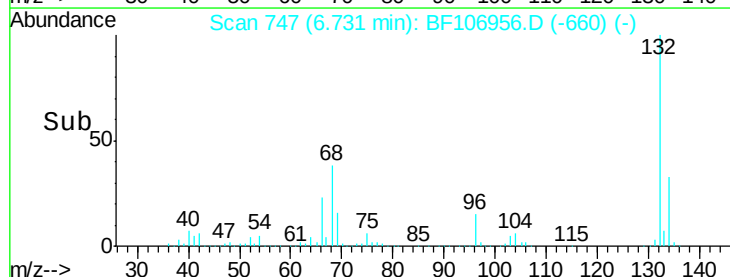
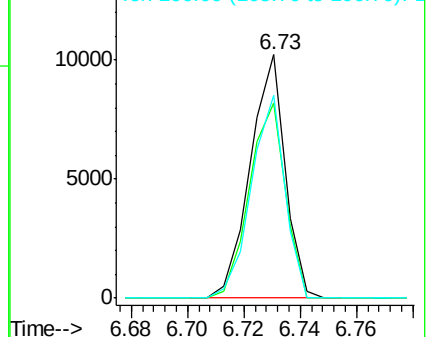
77 100

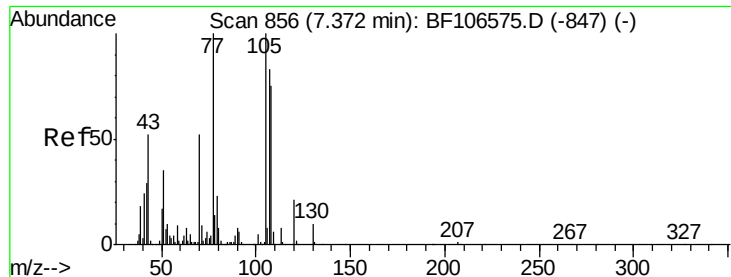
105 79.9 81.1 121.1#

106 83.1 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

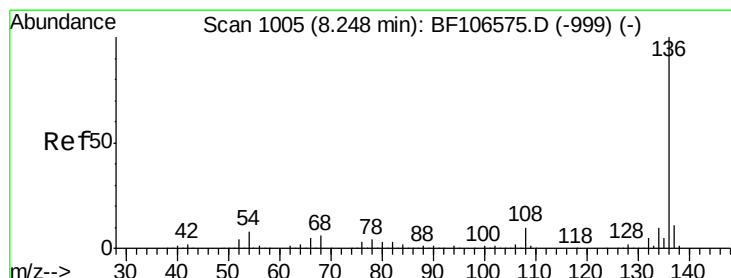
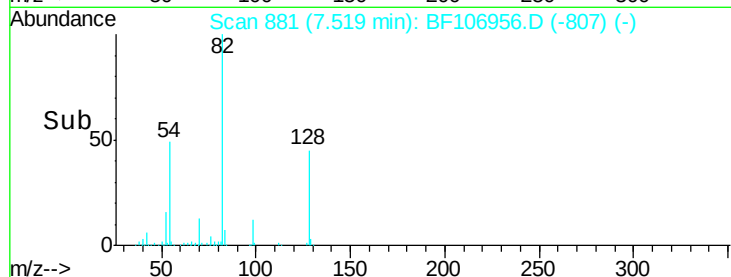
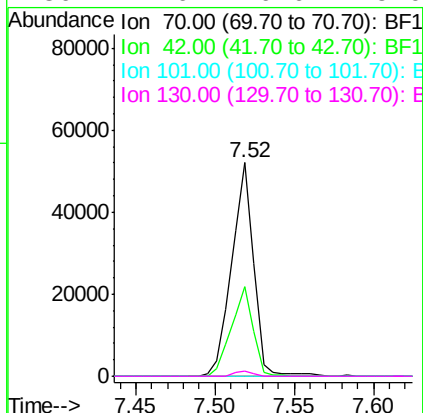
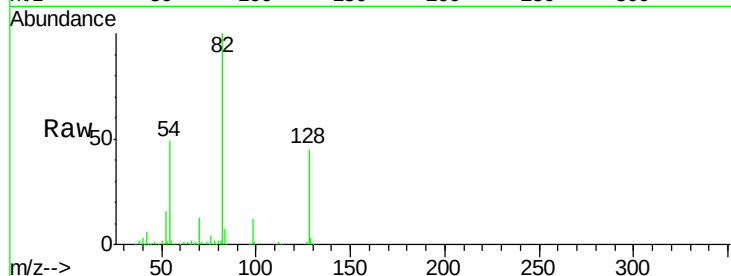




#19
n-Nitroso-di-n-propylamine
Concen: 14.981 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106956.D
Acq: 29 Jun 2018 7:35

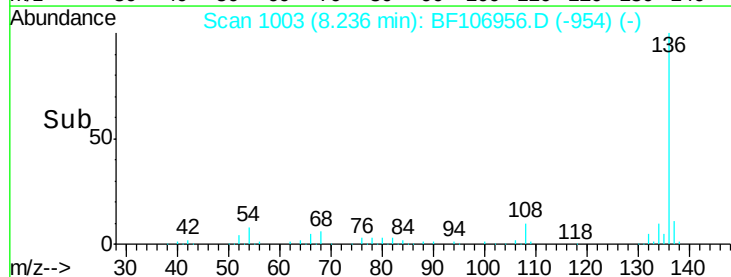
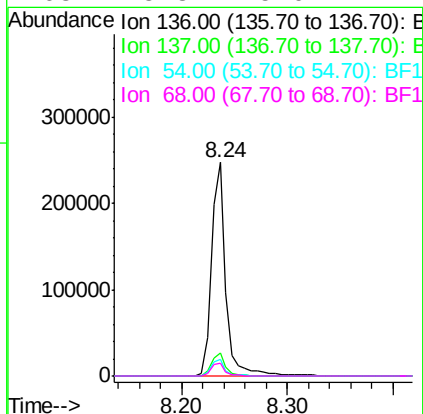
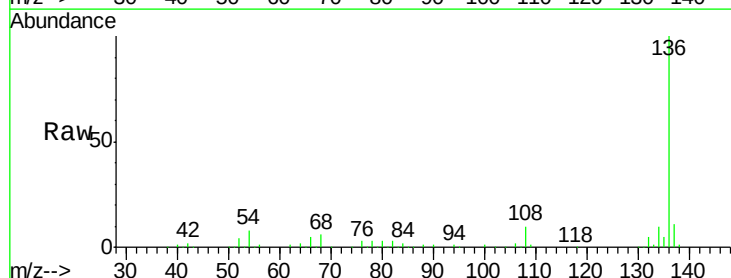
Instrument :
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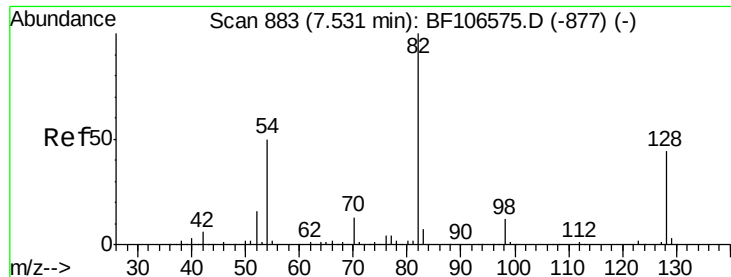
Tgt Ion:	70	Resp:	50096
Ion	Ratio	Lower	Upper
70	100		
42	42.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106956.D
Acq: 29 Jun 2018 7:35

Tgt Ion:	136	Resp:	236212
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.6	6.6	9.8
68	5.8	5.0	7.4

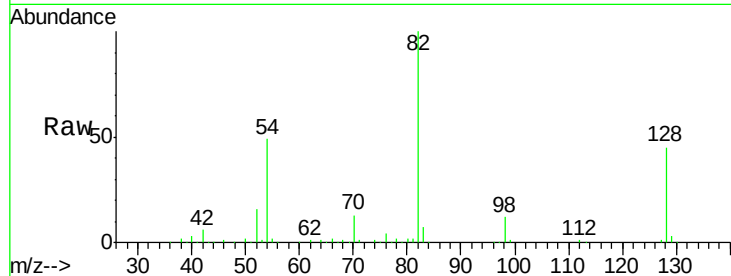




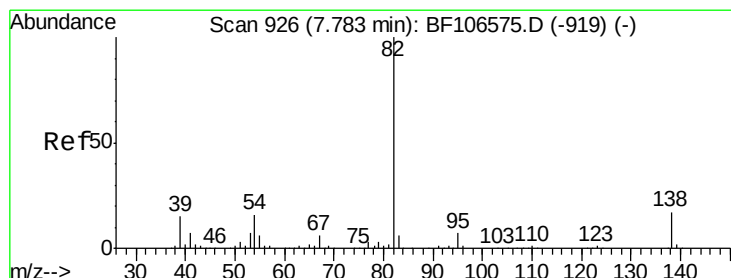
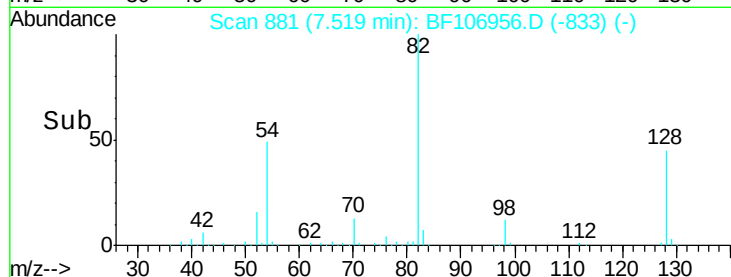
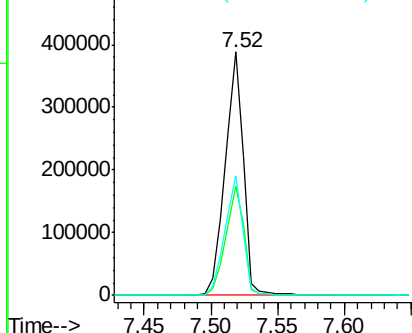
#23
 Nitrobenzene-d5
 Concen: 88.750 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106956.D
 Acq: 29 Jun 2018 7:35

Instrument :
 BNA_F
 ClientSampleID :
 W-35

Tgt Ion: 82 Resp: 377228
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.1 54.1
 54 48.9 41.4 62.2

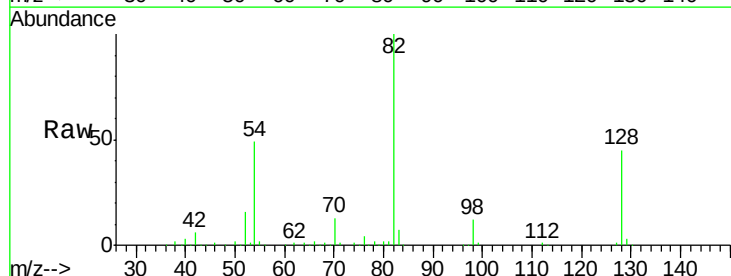


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

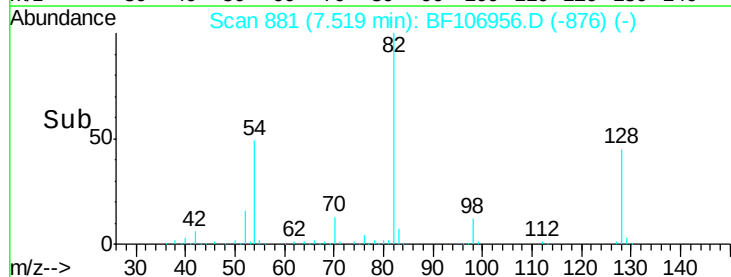
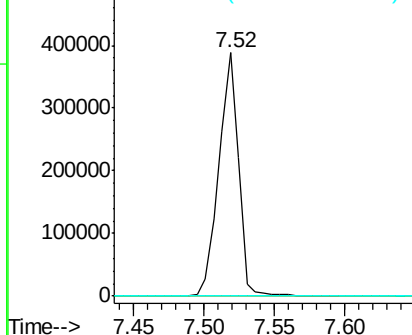


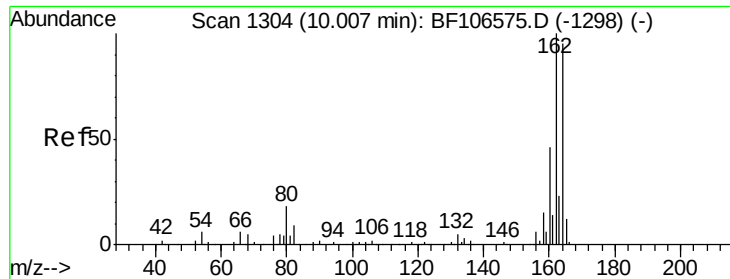
#25
 Isophorone
 Concen: 50.365 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF106956.D
 Acq: 29 Jun 2018 7:35

Tgt Ion: 82 Resp: 377225
 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

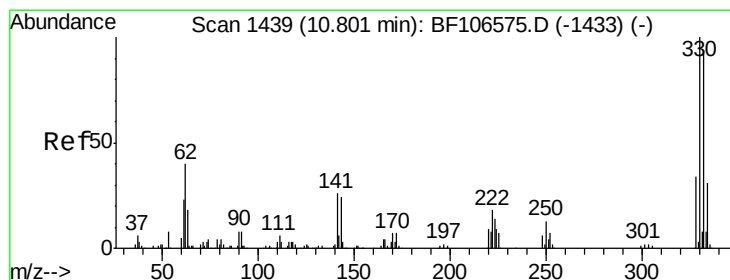
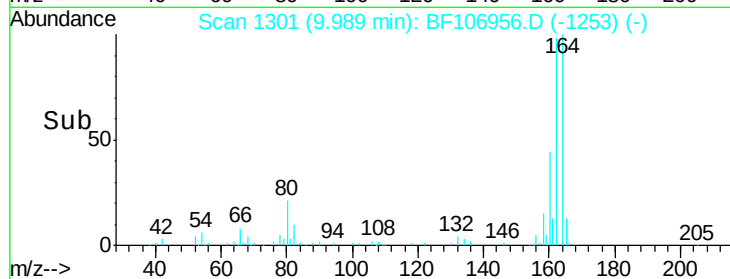
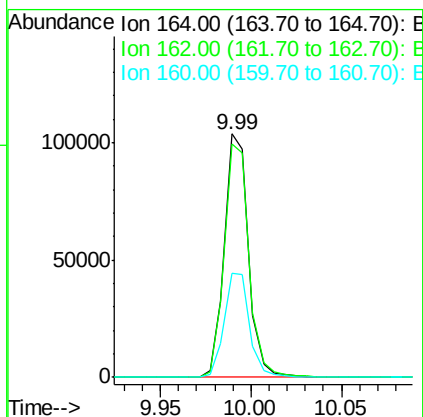
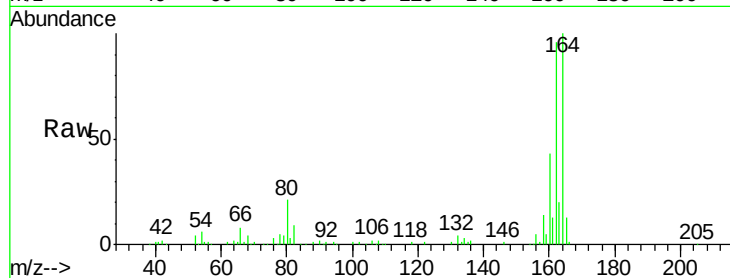




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF106956.D
Acq: 29 Jun 2018 7:35

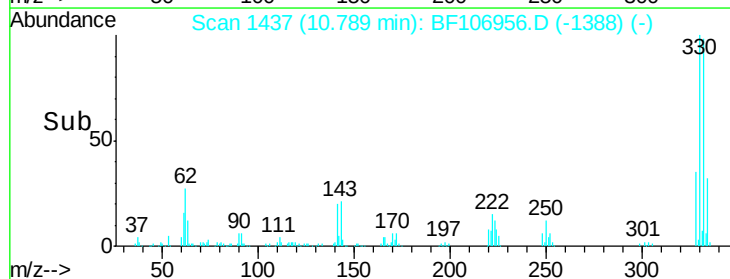
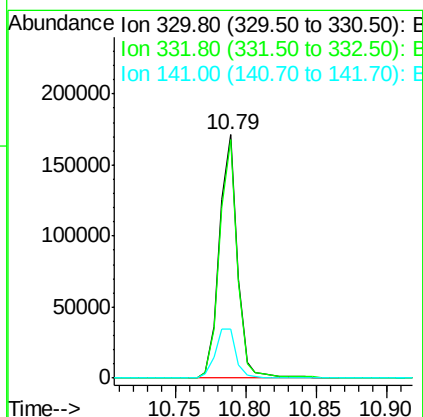
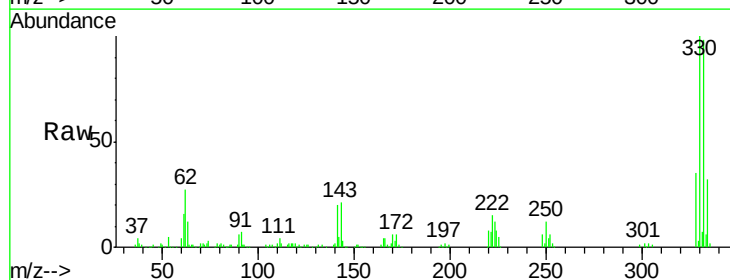
Instrument :
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ClientSampleId :
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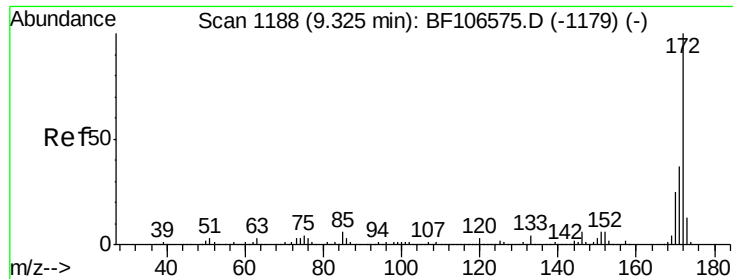
Tgt Ion:164 Resp: 96355
Ion Ratio Lower Upper
164 100
162 96.0 86.1 129.1
160 42.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 137.408 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106956.D
Acq: 29 Jun 2018 7:35

Tgt Ion:330 Resp: 153455
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 23.2 29.9 44.9#

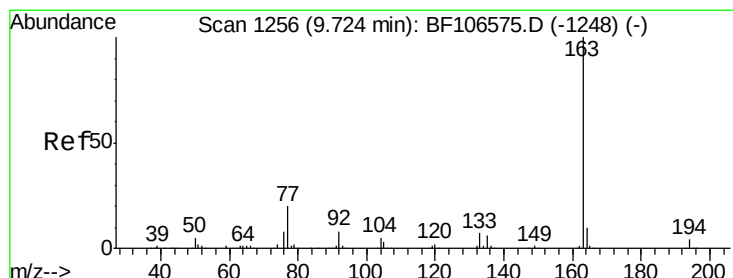
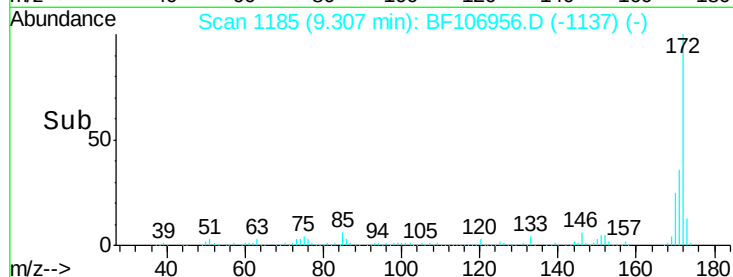
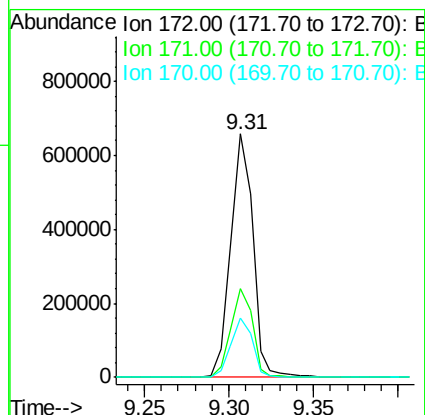
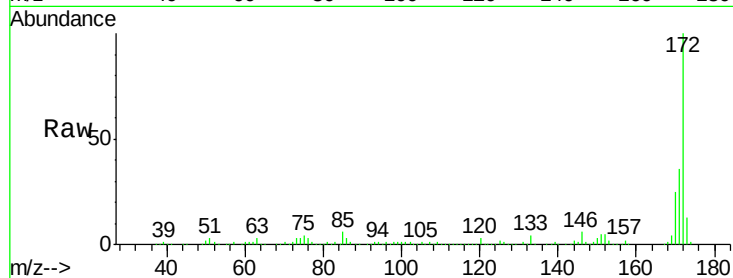




#44
 2-Fluorobiphenyl
 Concen: 109.892 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106956.D
 Acq: 29 Jun 2018 7:35

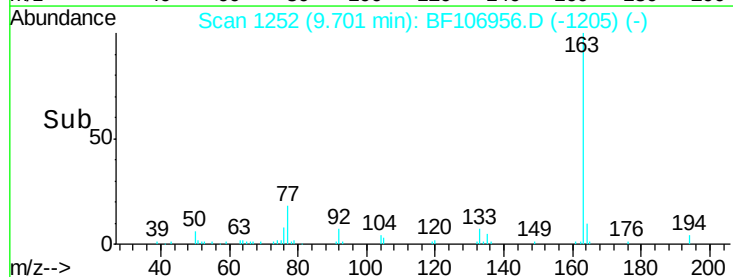
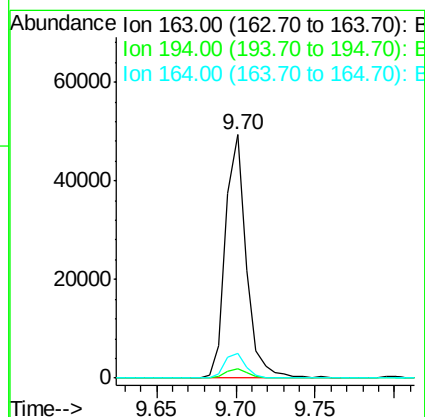
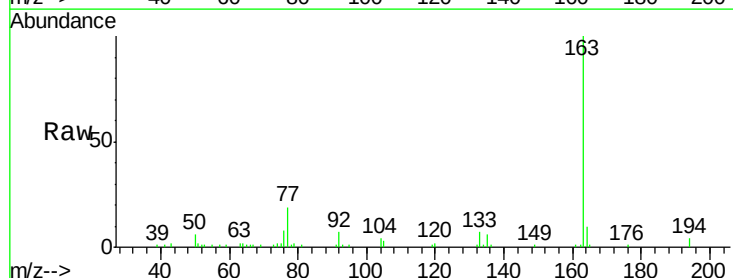
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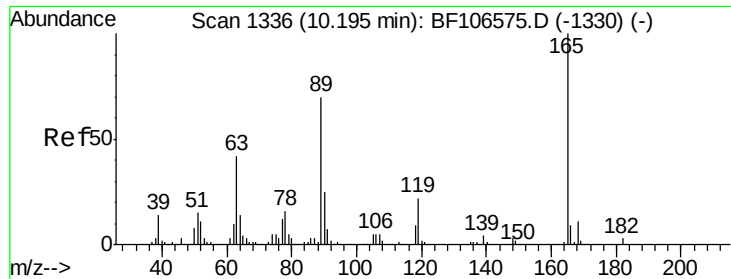
Tgt Ion:172 Resp: 600982
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.5 19.6 29.4



#49
 Dimethylphthalate
 Concen: 6.195 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106956.D
 Acq: 29 Jun 2018 7:35

Tgt Ion:163 Resp: 44768
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 10.0 8.2 12.2

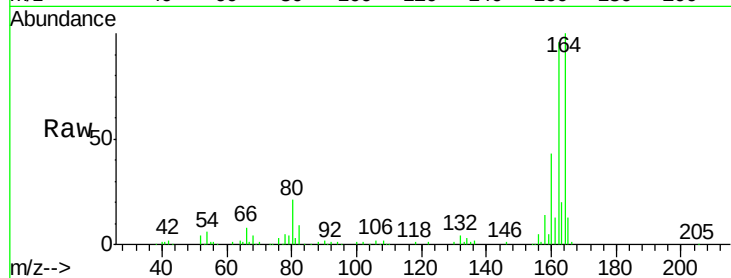




#56
 2,4-Dinitrotoluene
 Concen: 6.184 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF106956.D
 Acq: 29 Jun 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:	165	Resp:	12353
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#

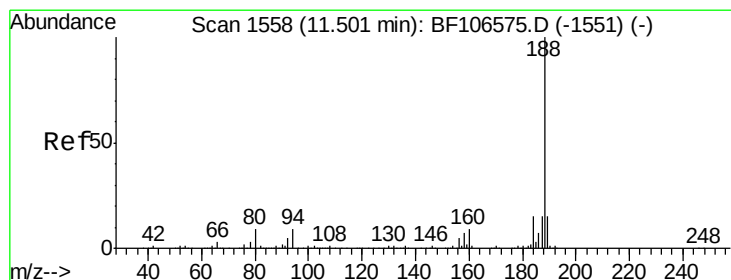
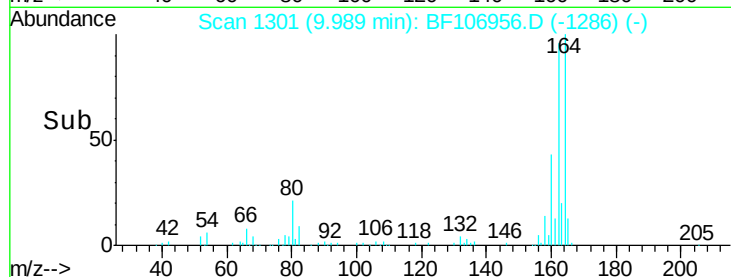
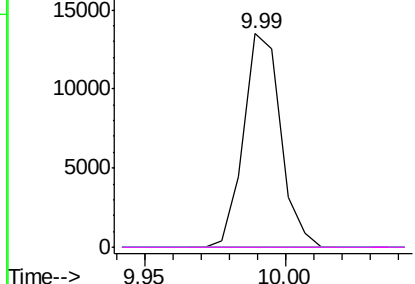


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

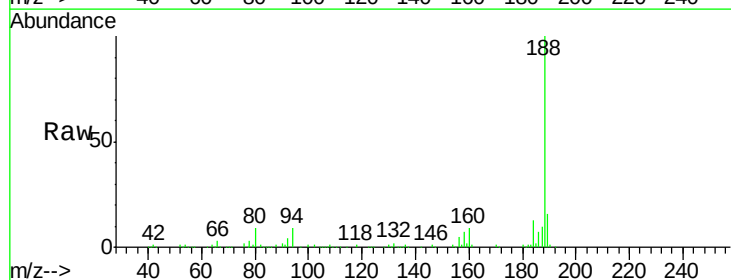
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF106956.D
 Acq: 29 Jun 2018 7:35

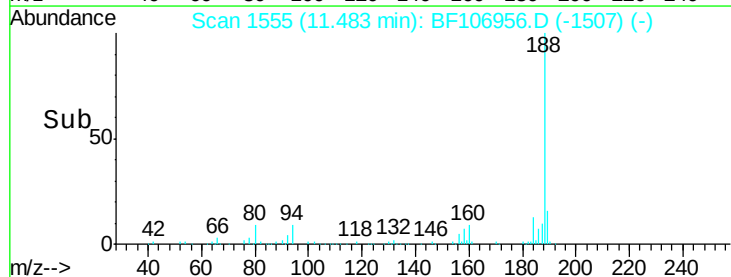
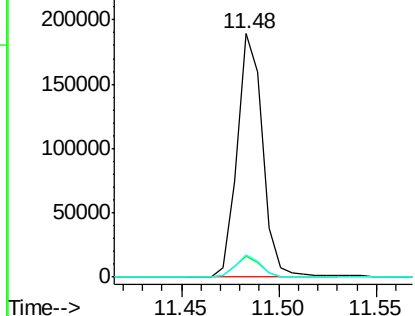
Tgt Ion:	188	Resp:	171114
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.4	9.2	13.8

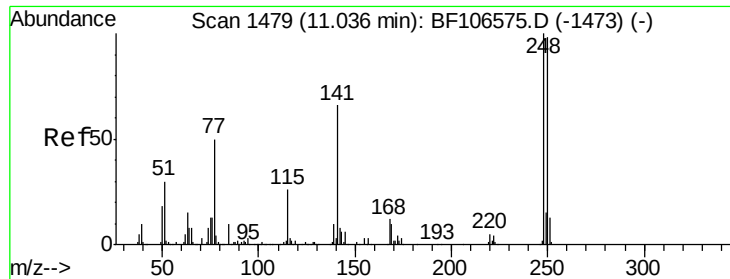


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

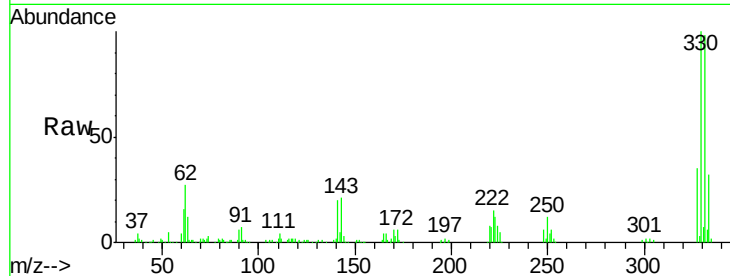




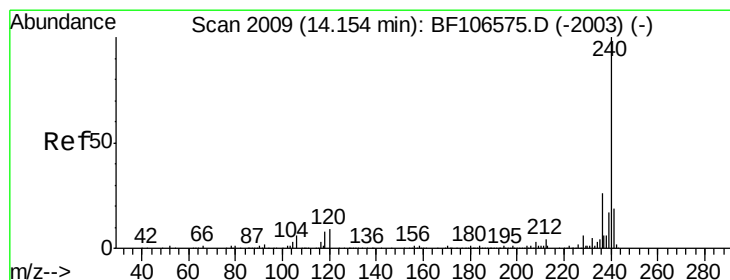
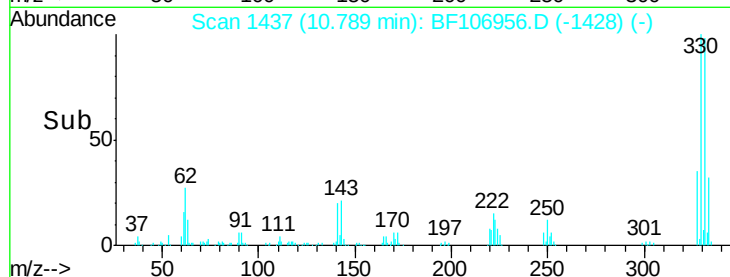
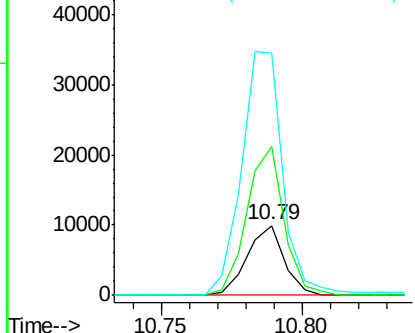
#66
 4-Bromophenyl-phenylether
 Concen: 4.439 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF106956.D
 Acq: 29 Jun 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :
 W-35

Tgt Ion: 248 Resp: 9065
 Ion Ratio Lower Upper
 248 100
 250 212.9 76.9 115.3#
 141 348.6 74.4 111.6#

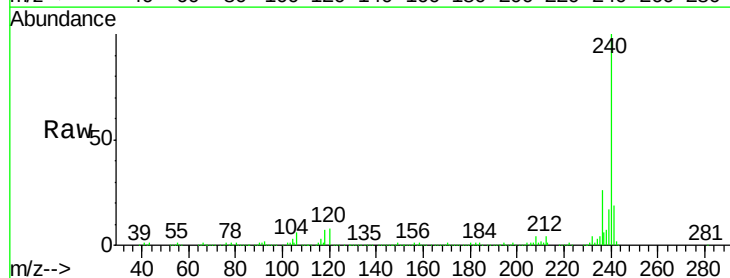


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

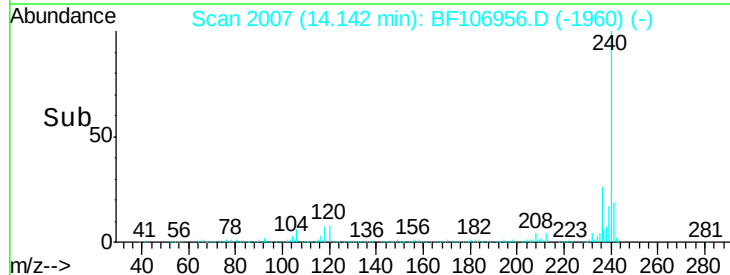
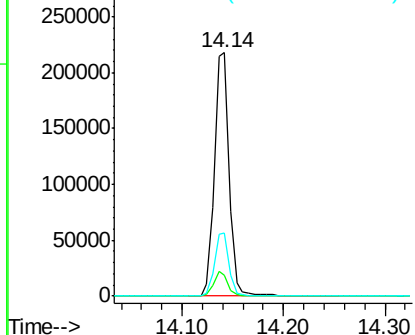


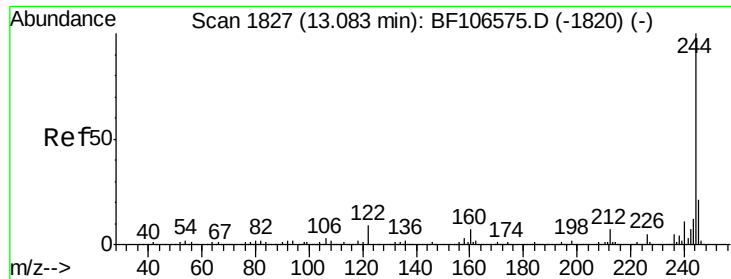
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF106956.D
 Acq: 29 Jun 2018 7:35

Tgt Ion: 240 Resp: 221605
 Ion Ratio Lower Upper
 240 100
 120 8.4 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

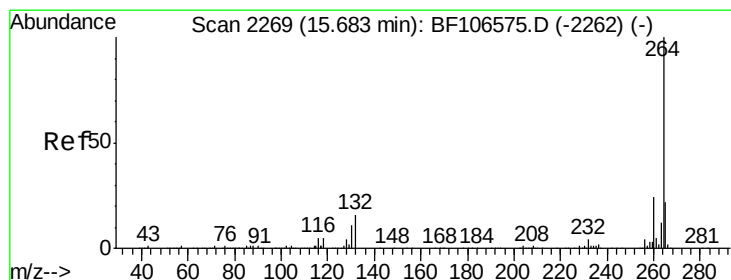
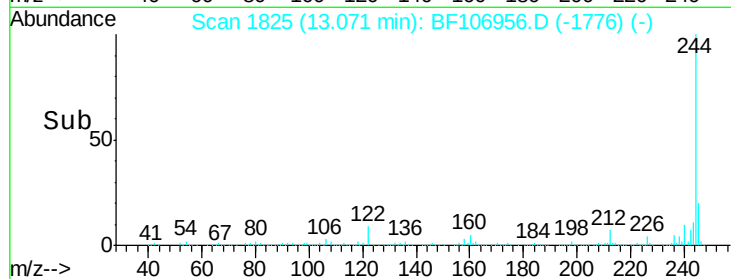
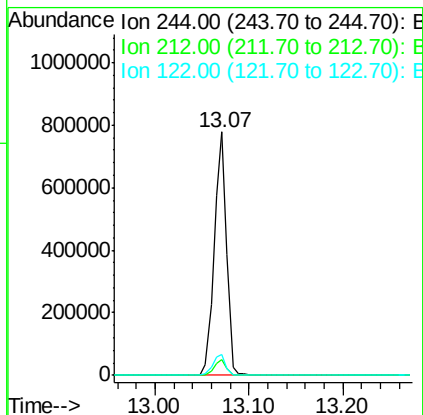
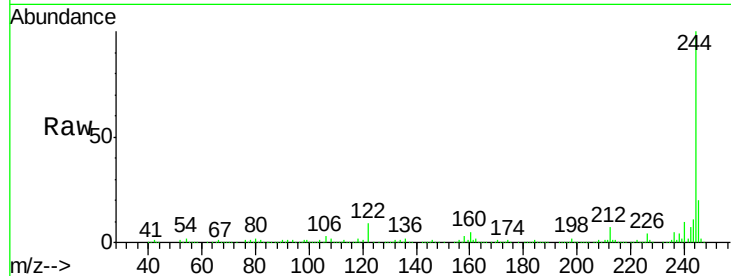




#78
 Terphenyl-d14
 Concen: 79.306 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106956.D
 Acq: 29 Jun 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :
 W-35

Tgt Ion: 244 Resp: 725536
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.6 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: BF106956.D
 Acq: 29 Jun 2018 7:35

Tgt Ion: 264 Resp: 179082
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.6 17.5 26.3

