

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF106995.D
 Acq On : 30 Jun 2018 1:32
 Operator : JU/SJ
 Sample : J3718-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Quant Time: Jun 30 04:26:23 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

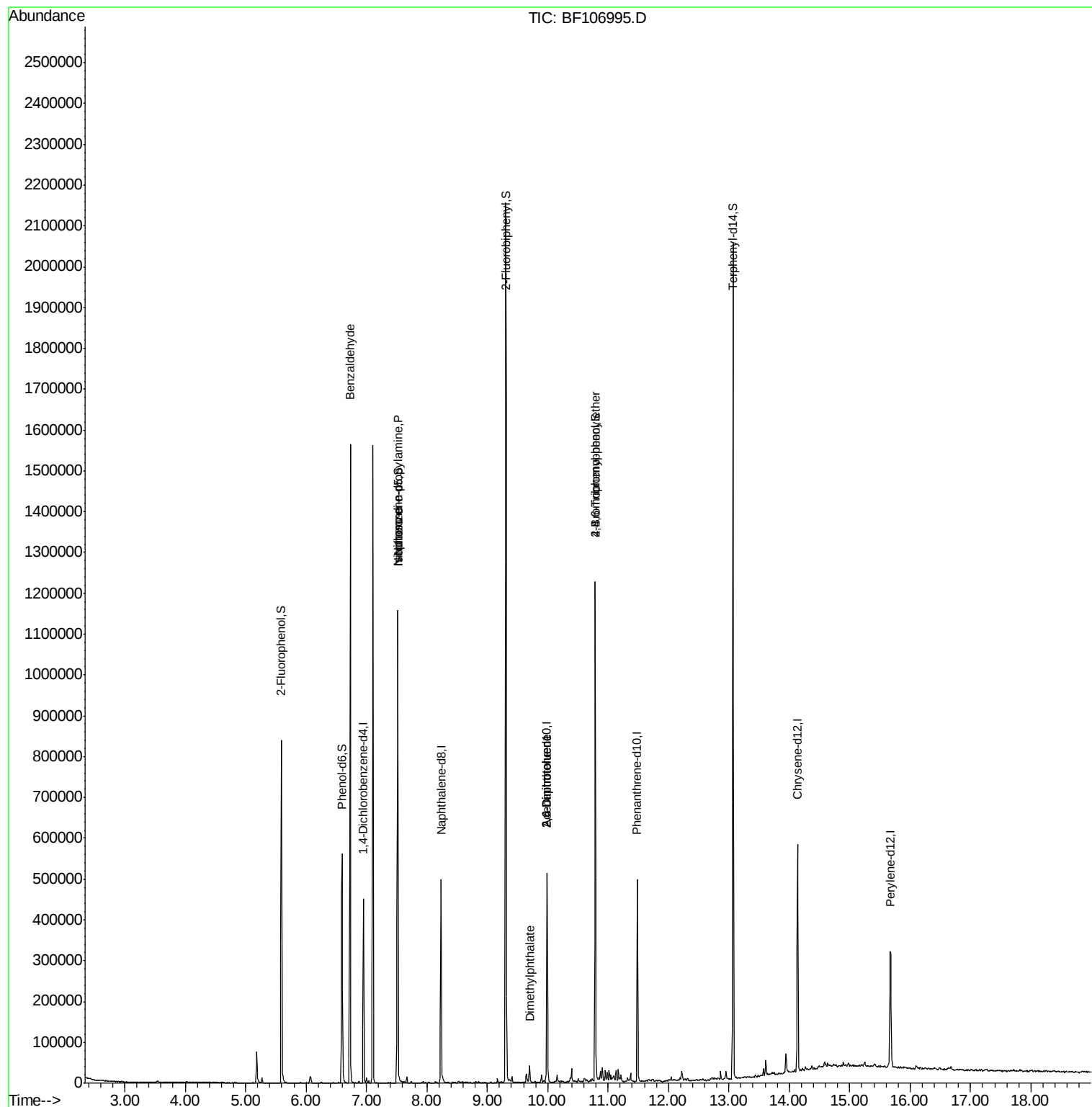
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68777	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	250523	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	115632	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	196305	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	197090	20.00	ng	-0.03
86) Perylene-d12	15.67	264	153469	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	248378	61.15	ng	-0.01
7) Phenol-d6	6.60	99	196285	38.70	ng	-0.02
23) Nitrobenzene-d5	7.52	82	408146	90.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	177733	132.62	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	741065	113.41	ng	-0.02
78) Terphenyl-d14	13.07	244	761362	93.57	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	9175	2.155	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.52	70	53231	15.921	ng	# 72
20) 3+4-Methylphenols	7.39	107	617	Below Cal		# 20
25) Isophorone	7.52	82	408139	51.379	ng	# 64
49) Dimethylphthalate	9.70	163	18329	2.113	ng	99
50) 2,6-Dinitrotoluene	9.99	165	14656	7.981	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	14656	6.114	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	11026	4.706	ng	# 1

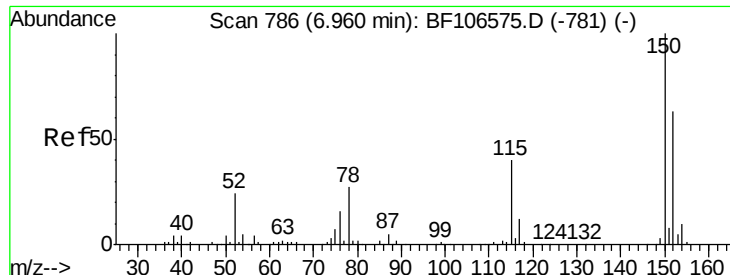
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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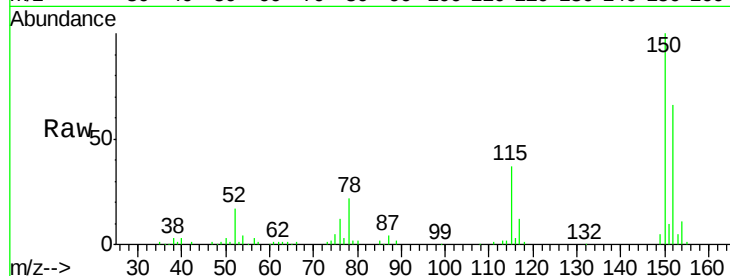




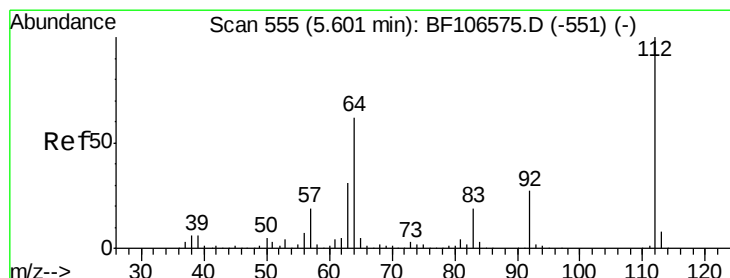
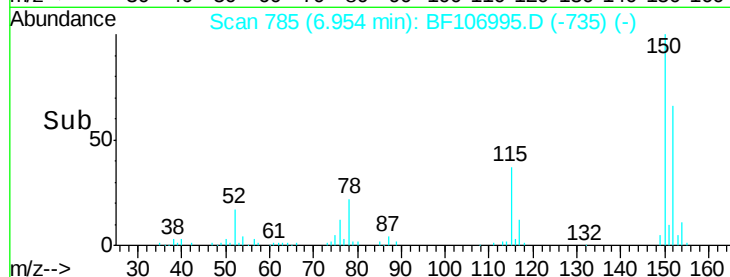
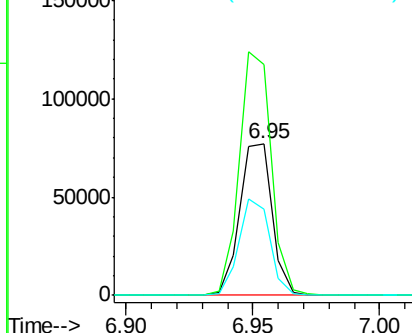
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106995.D
 Acq: 30 Jun 2018 1:32

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Tgt Ion:152 Resp: 68777
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.6 186.8
 115 57.0 50.1 75.1

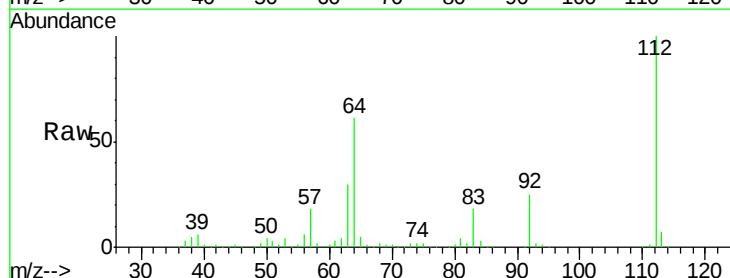


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

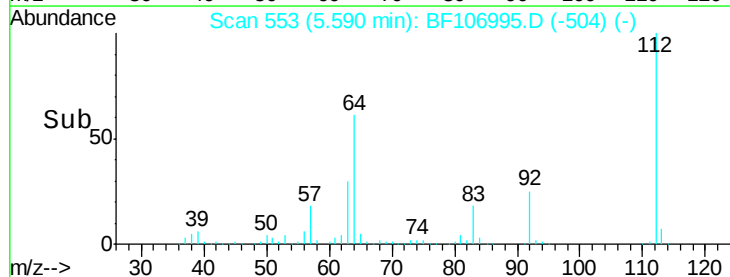
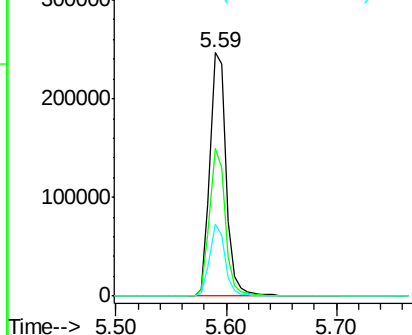


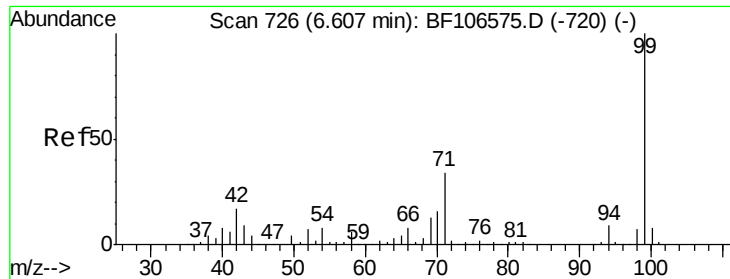
#5
 2-Fluorophenol
 Concen: 61.152 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF106995.D
 Acq: 30 Jun 2018 1:32

Tgt Ion:112 Resp: 248378
 Ion Ratio Lower Upper
 112 100
 64 60.8 47.9 71.9
 63 29.9 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: 38.698 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106995.D

Acq: 30 Jun 2018 1:32

Instrument :

BNA_F

ClientSampled :

W-27

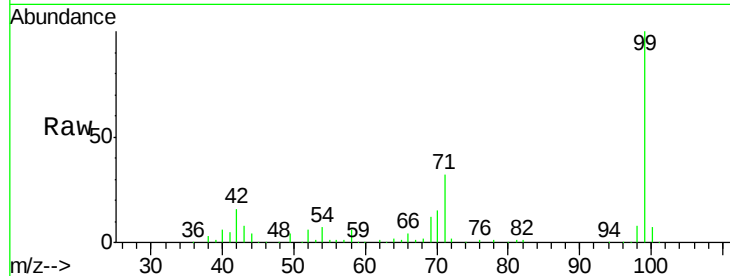
Tgt Ion: 99 Resp: 196285

Ion Ratio Lower Upper

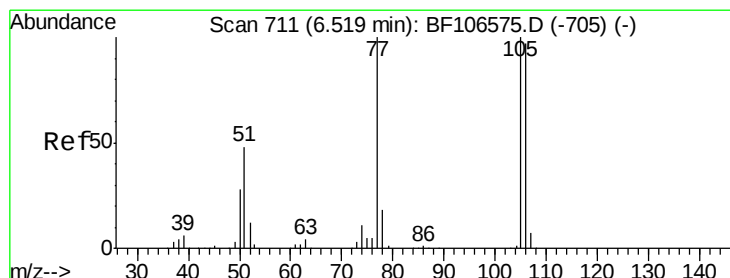
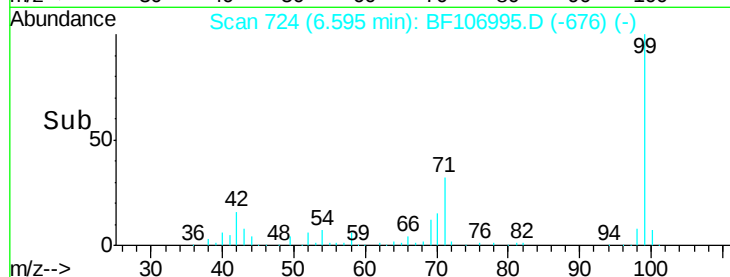
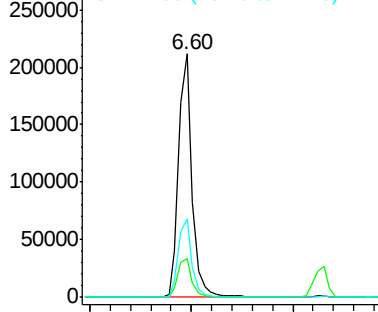
99 100

42 16.1 14.5 21.7

71 32.4 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: 2.155 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106995.D

Acq: 30 Jun 2018 1:32

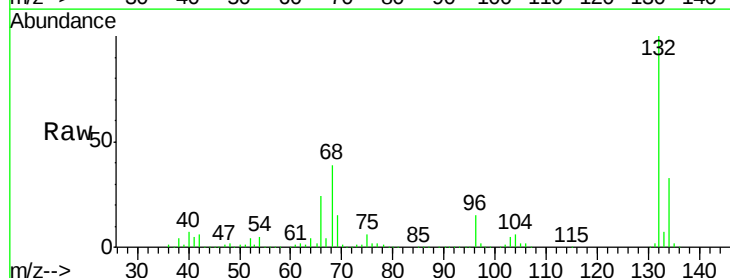
Tgt Ion: 77 Resp: 9175

Ion Ratio Lower Upper

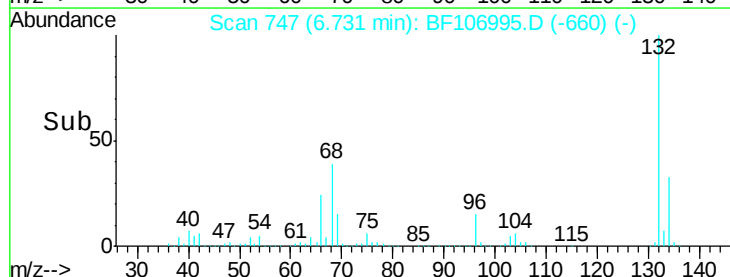
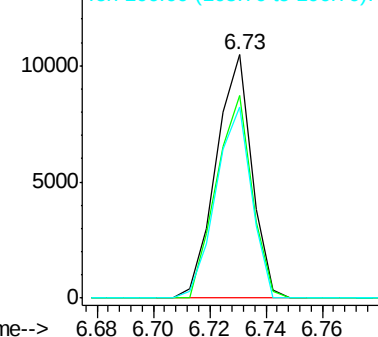
77 100

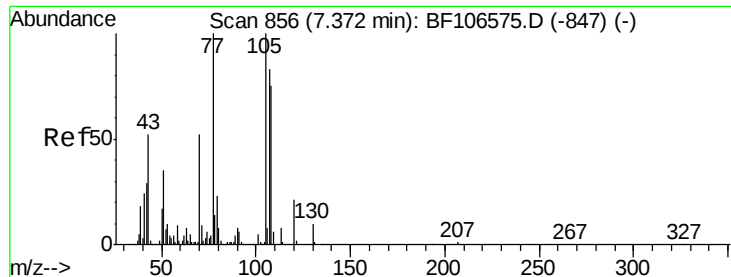
105 83.4 81.1 121.1

106 78.5 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

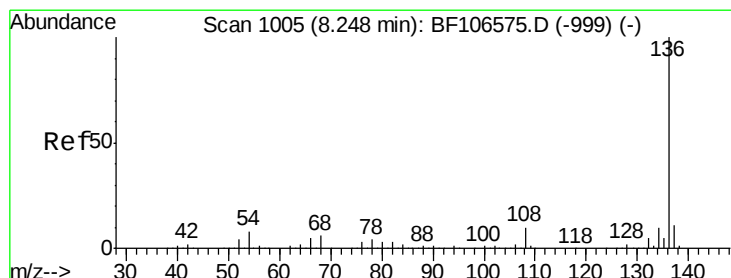
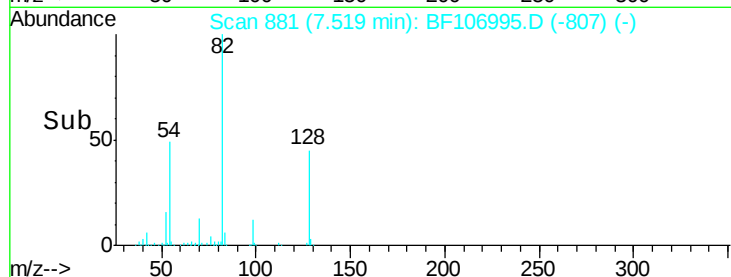
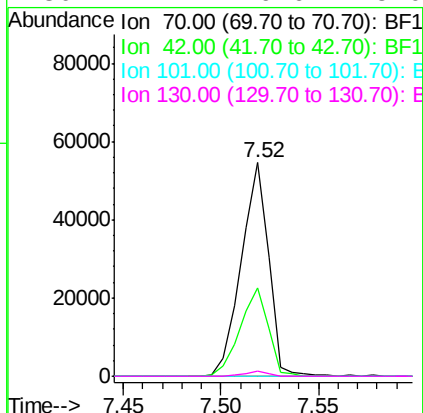
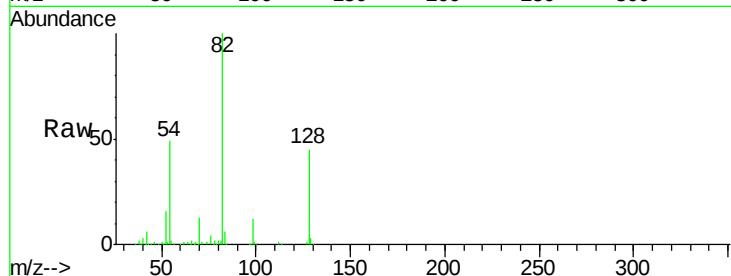




#19
n-Nitroso-di-n-propylamine
Concen: 15.921 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106995.D
Acq: 30 Jun 2018 1:32

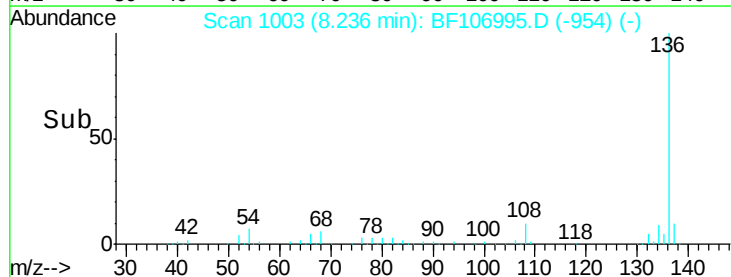
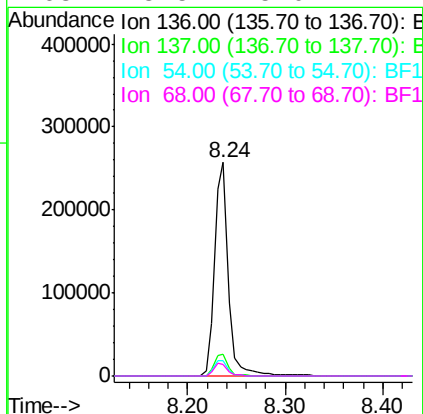
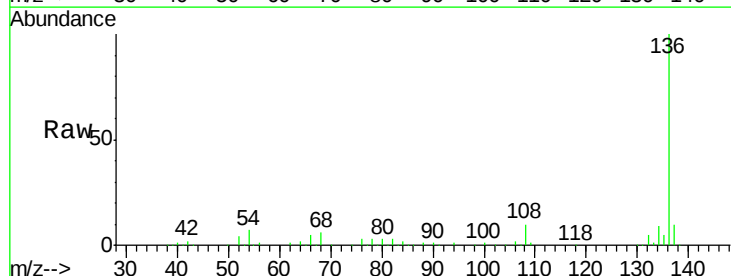
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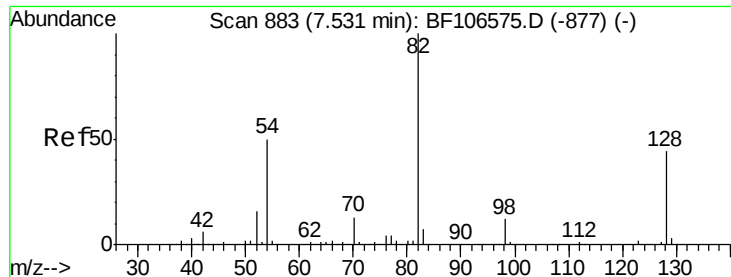
Tgt Ion:	70	Resp:	53231
Ion	Ratio	Lower	Upper
70	100		
42	41.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106995.D
Acq: 30 Jun 2018 1:32

Tgt Ion:	136	Resp:	250523
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.1	6.6	9.8
68	5.5	5.0	7.4

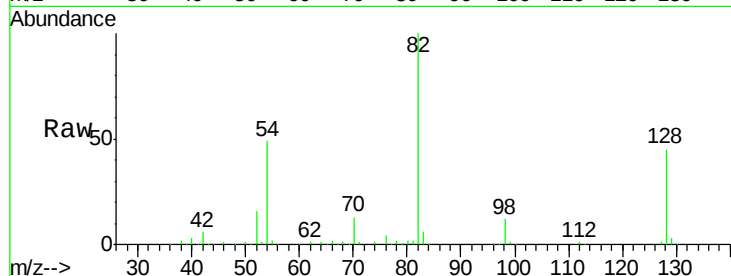




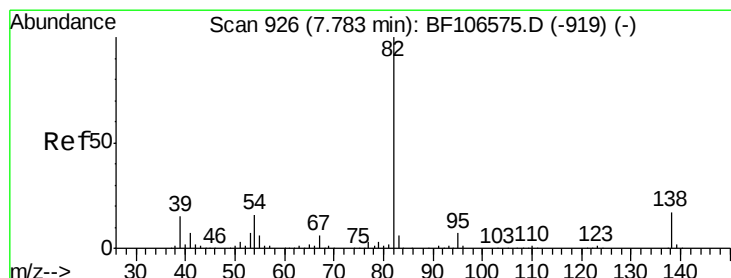
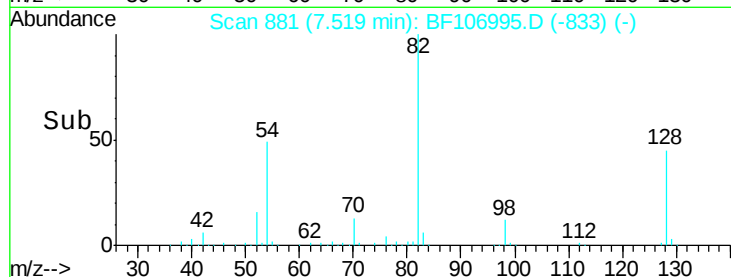
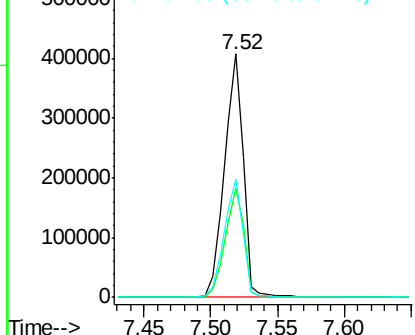
#23
Nitrobenzene-d5
Concen: 90.539 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106995.D
Acq: 30 Jun 2018 1:32

Instrument :
BNA_F
ClientSampleId :
W-27

Tgt Ion: 82 Resp: 408146
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 48.8 41.4 62.2

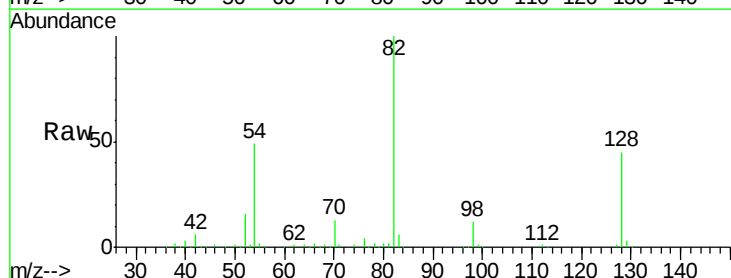


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

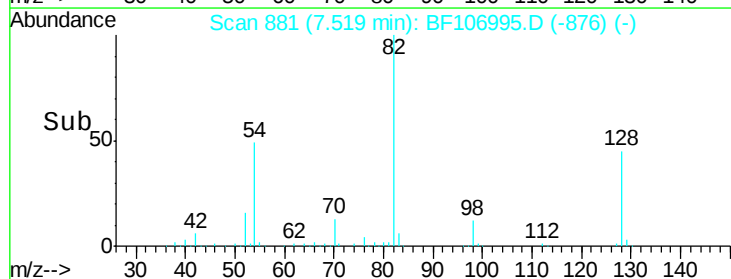
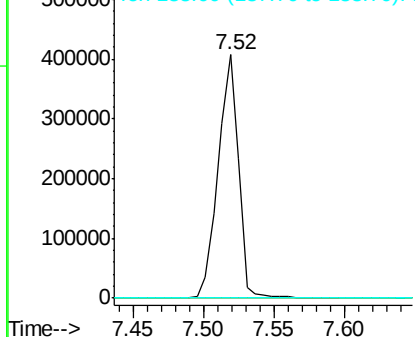


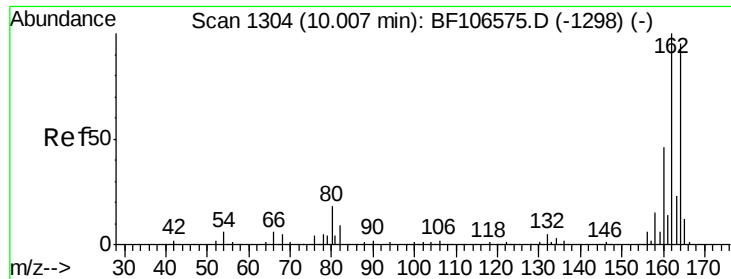
#25
Isophorone
Concen: 51.379 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF106995.D
Acq: 30 Jun 2018 1:32

Tgt Ion: 82 Resp: 408139
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

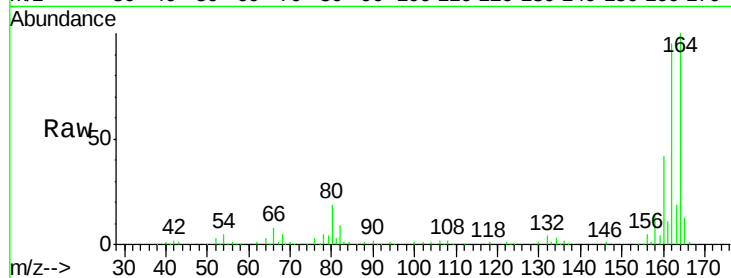




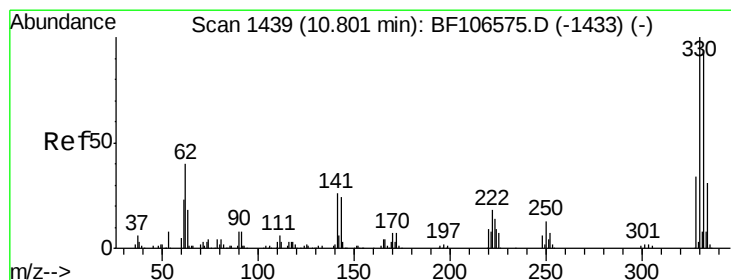
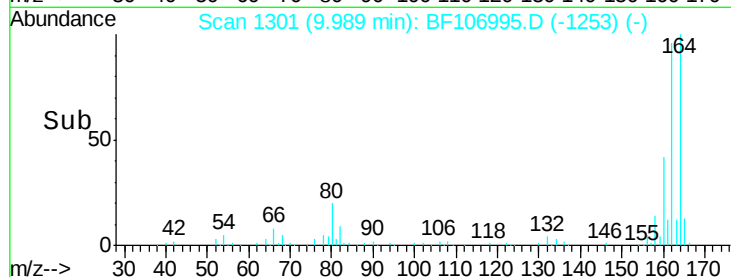
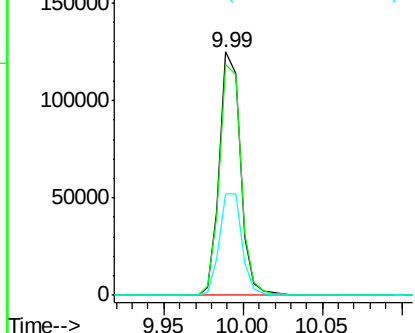
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF106995.D
Acq: 30 Jun 2018 1:32

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 115632
Ion Ratio Lower Upper
164 100
162 94.9 86.1 129.1
160 41.5 38.3 57.5

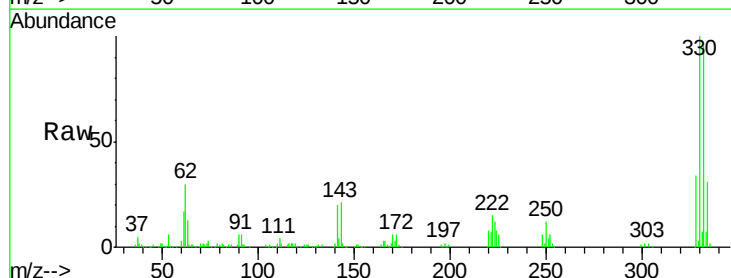


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

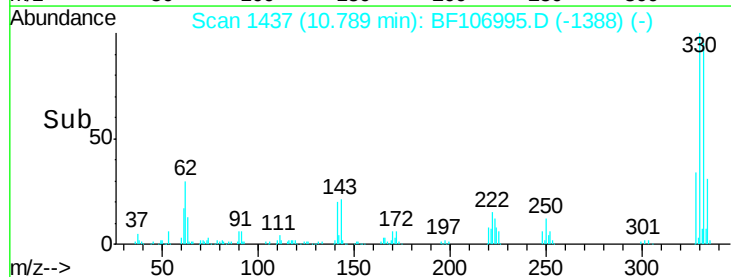
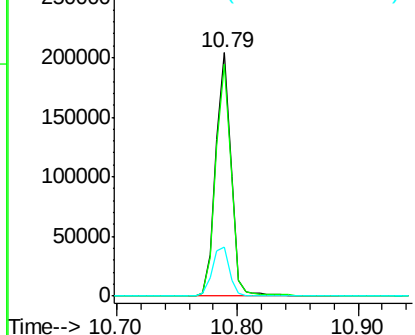


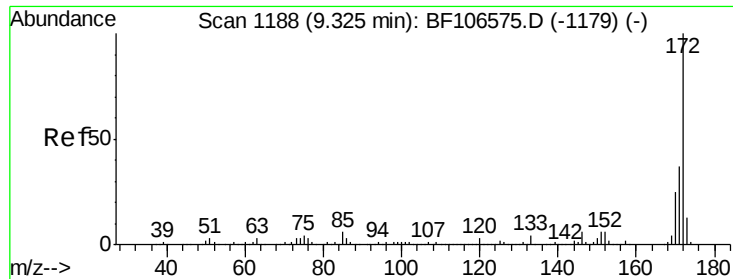
#41
2,4,6-Tribromophenol
Concen: 132.616 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106995.D
Acq: 30 Jun 2018 1:32

Tgt Ion:330 Resp: 177733
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 22.8 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

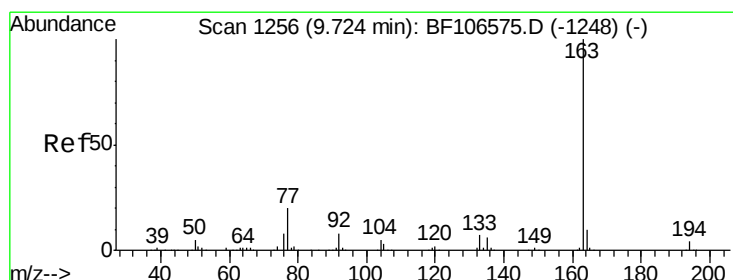
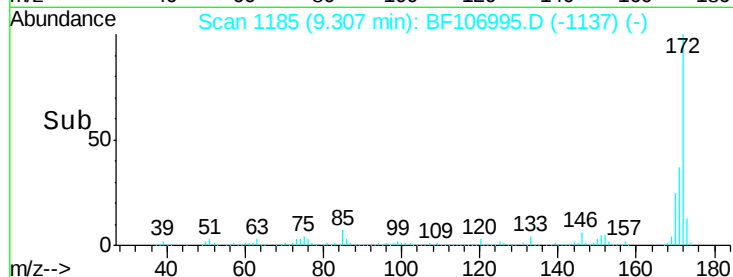
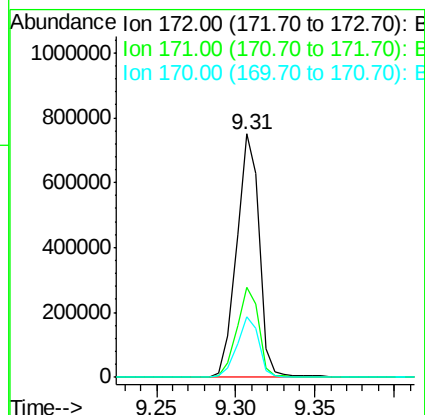
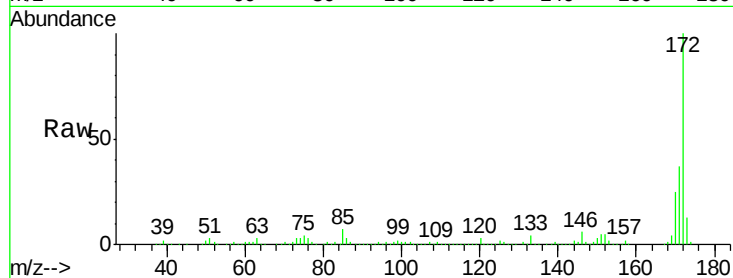




#44
 2-Fluorobiphenyl
 Concen: 113.407 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106995.D
 Acq: 30 Jun 2018 1:32

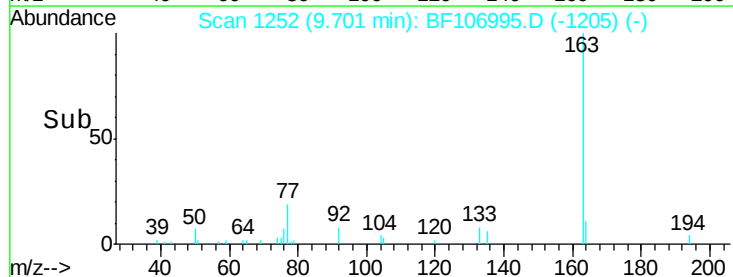
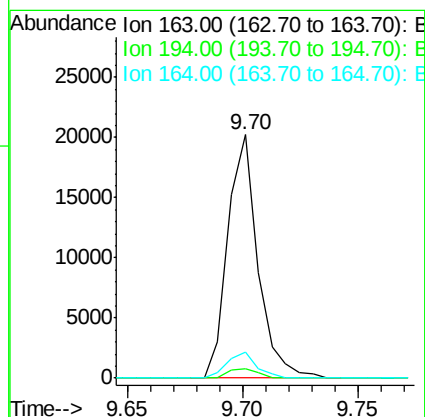
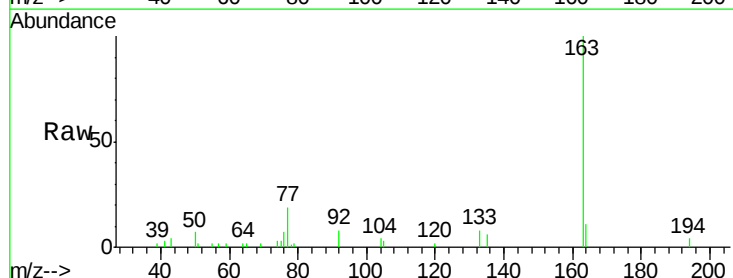
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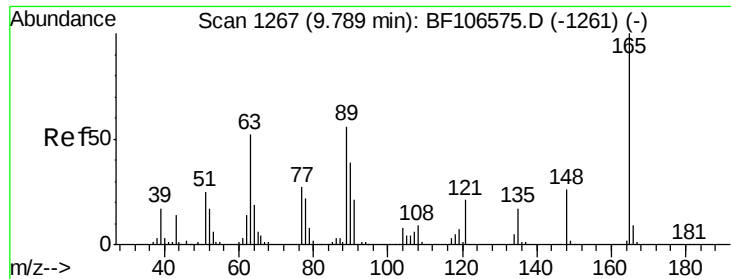
Tgt Ion:172 Resp: 741065
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.9 19.6 29.4



#49
 Dimethylphthalate
 Concen: 2.113 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106995.D
 Acq: 30 Jun 2018 1:32

Tgt Ion:163 Resp: 18329
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.8 8.2 12.2

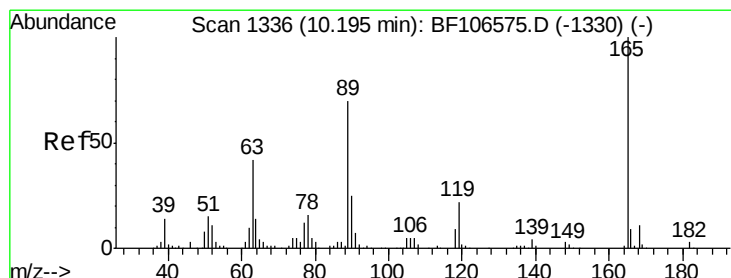
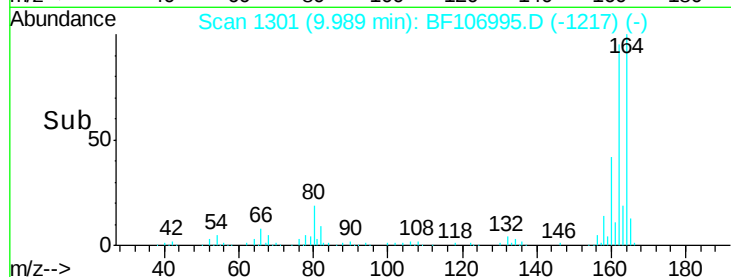
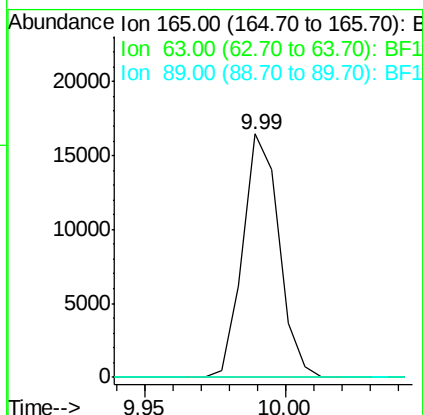
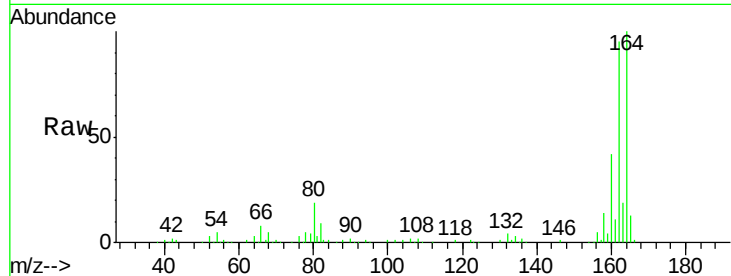




#50
 2,6-Dinitrotoluene
 Concen: 7.981 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. 0.19 min
 Lab File: BF106995.D
 Acq: 30 Jun 2018 1:32

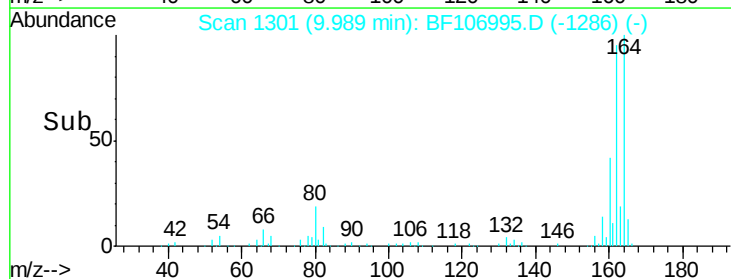
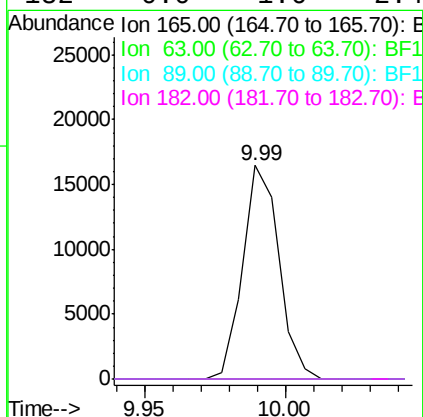
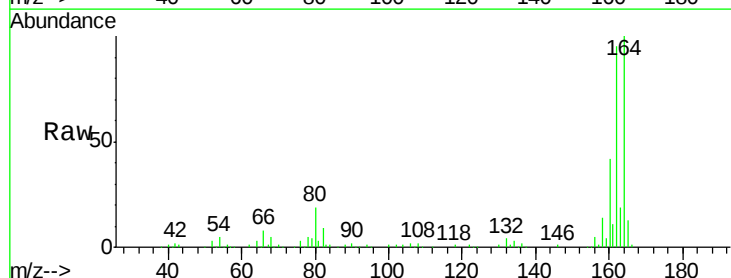
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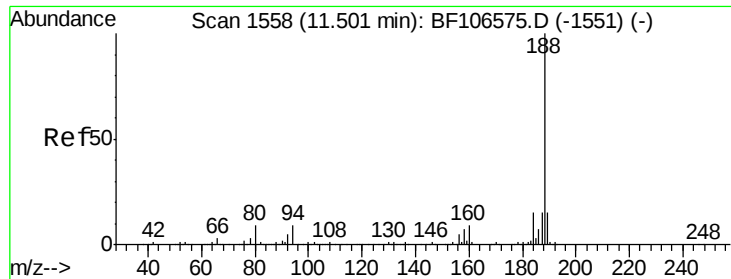
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.114 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF106995.D
 Acq: 30 Jun 2018 1:32

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: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF106995.D

Acq: 30 Jun 2018 1:32

Instrument :

BNA_F

ClientSampleId :

W-27

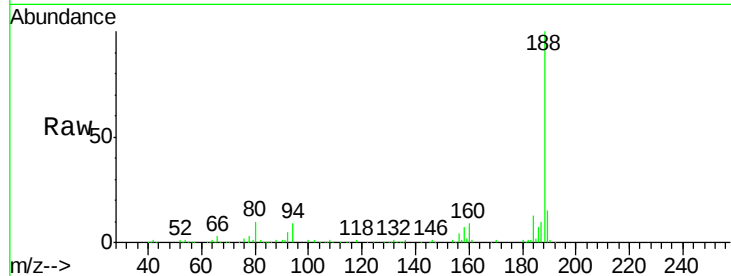
Tgt Ion:188 Resp: 196305

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

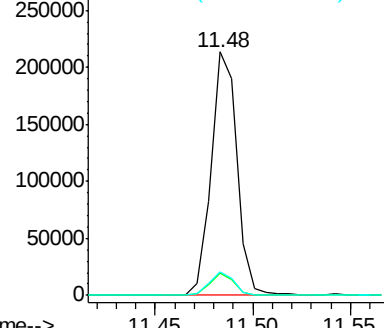
80 9.7 9.2 13.8



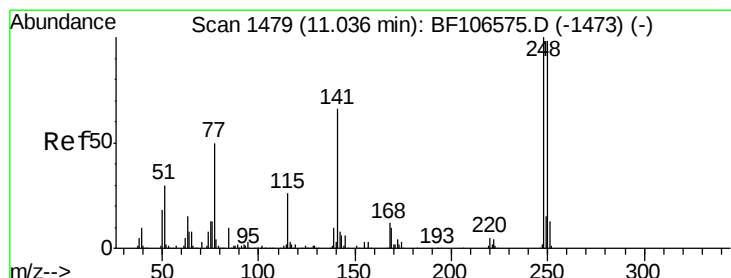
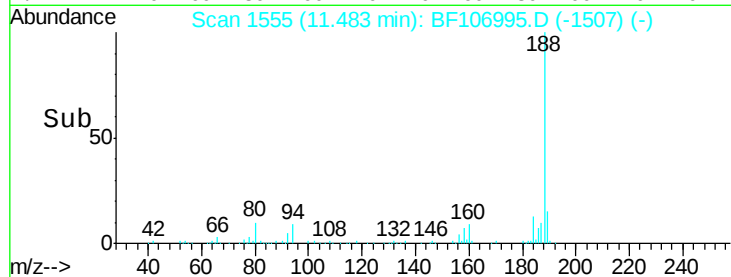
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.706 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF106995.D

Acq: 30 Jun 2018 1:32

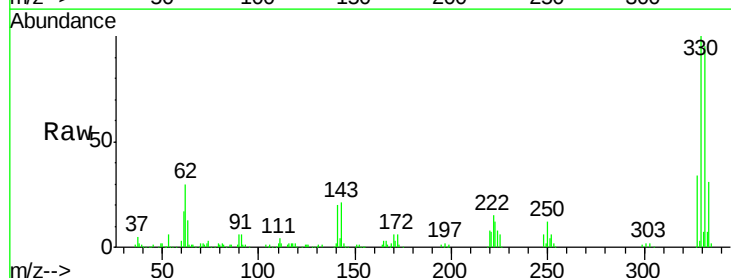
Tgt Ion:248 Resp: 11026

Ion Ratio Lower Upper

248 100

250 197.2 76.9 115.3#

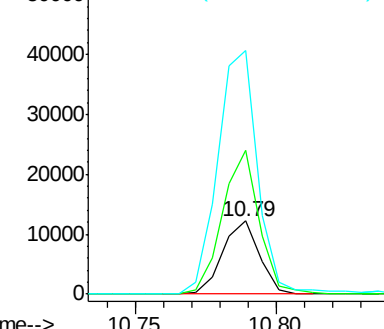
141 332.9 74.4 111.6#



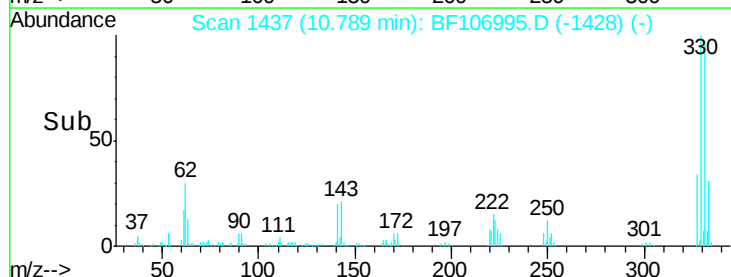
Abundance Ion 248.00 (247.70 to 248.70): E

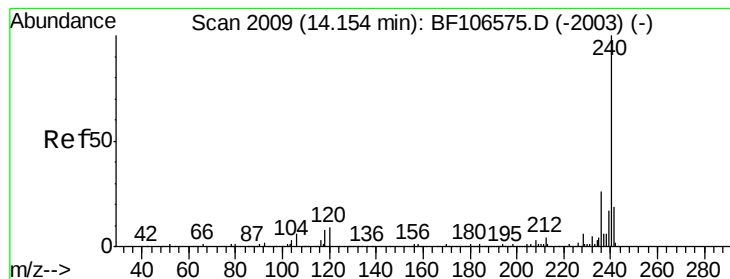
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106995.D

Acq: 30 Jun 2018 1:32

Instrument :

BNA_F

ClientSampleId :

W-27

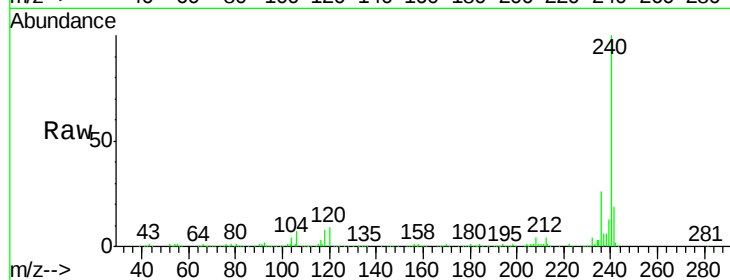
Tgt Ion:240 Resp: 197090

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

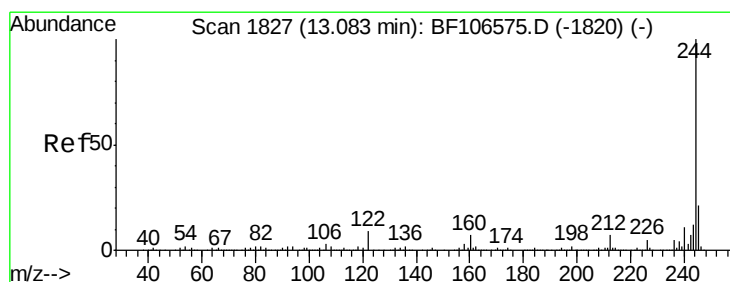
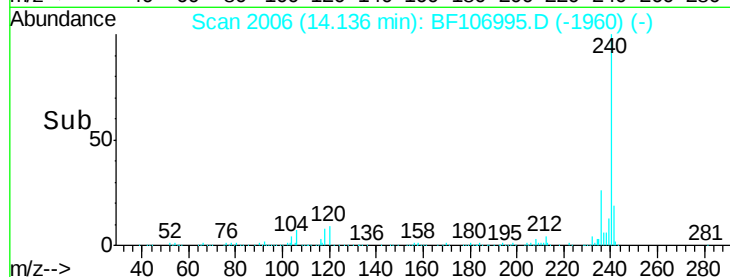
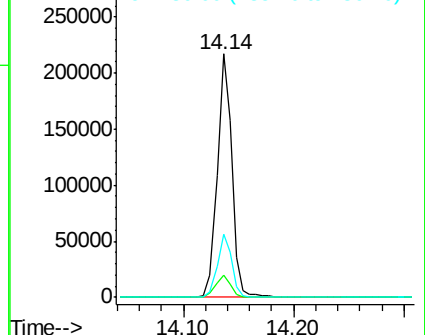
236 26.2 20.7 31.1



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: 93.574 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106995.D

Acq: 30 Jun 2018 1:32

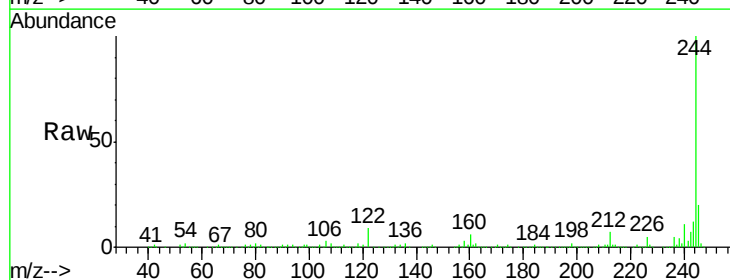
Tgt Ion:244 Resp: 761362

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

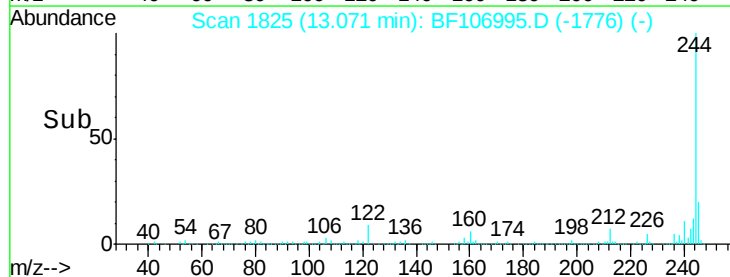
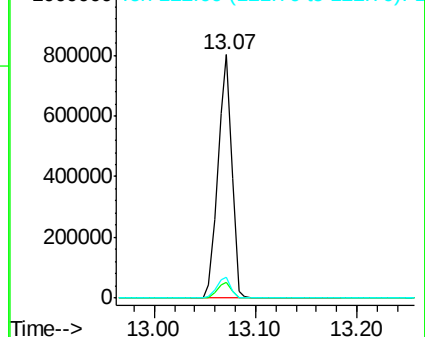
122 8.6 11.0 16.4#

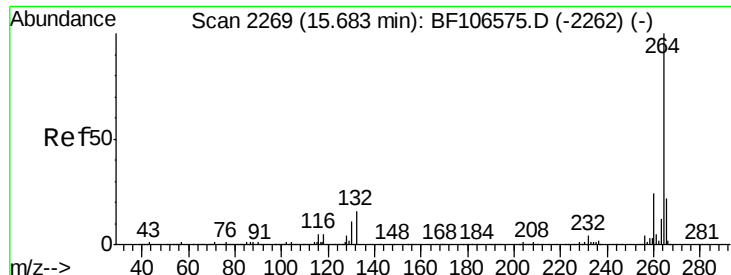


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

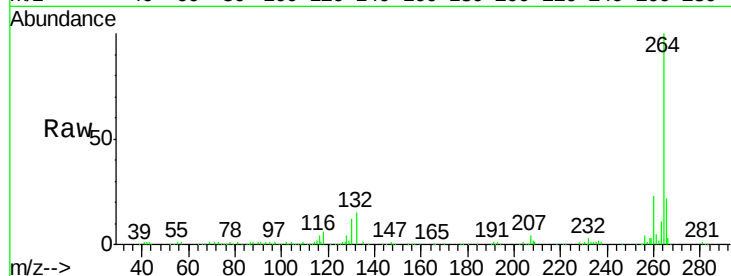




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF106995.D
Acq: 30 Jun 2018 1:32

Instrument :
BNA_F
ClientSampleId :
W-27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	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

