

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106494.D
 Acq On : 15 Jun 2018 16:21
 Operator : JU/SJ
 Sample : J3467-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-09-061218

Quant Time: Jun 15 22:57:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

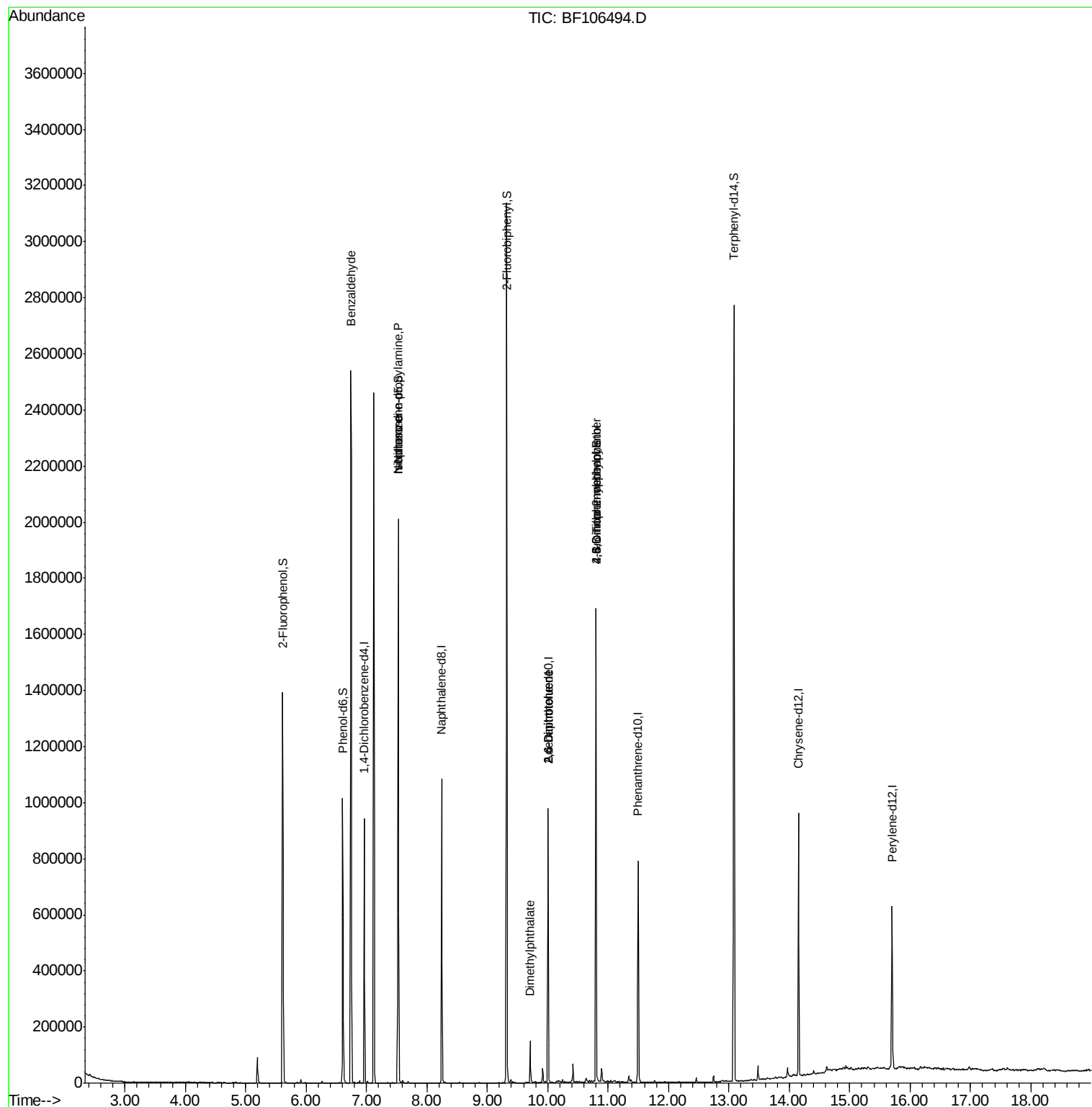
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	122026	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	431363	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	176729	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	290423	20.00	ng	0.00
75) Chrysene-d12	14.15	240	314725	20.00	ng	0.00
86) Perylene-d12	15.70	264	283628	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	405198	56.20	ng	0.00
7) Phenol-d6	6.61	99	306225	33.62	ng	0.00
23) Nitrobenzene-d5	7.53	82	666118	90.84	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	212219	124.80	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1024258	114.33	ng	0.00
78) Terphenyl-d14	13.08	244	942125	74.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	15840	2.293	ng	83
19) n-Nitroso-di-n-propylamine	7.53	70	91265	13.355	ng	# 74
25) Isophorone	7.53	82	666113	46.509	ng	# 64
49) Dimethylphthalate	9.71	163	53712	4.254	ng	98
50) 2,6-Dinitrotoluene	10.01	165	22968	8.905	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	22968	7.092	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	375	6.503	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14102	4.269	ng	# 1

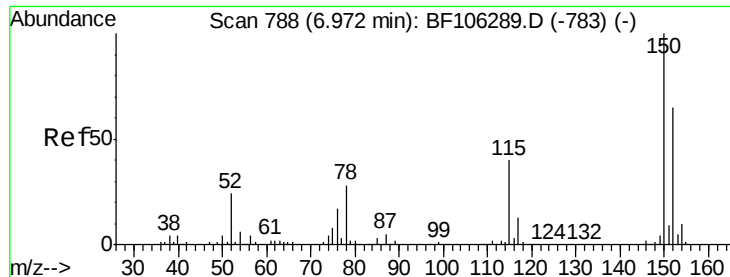
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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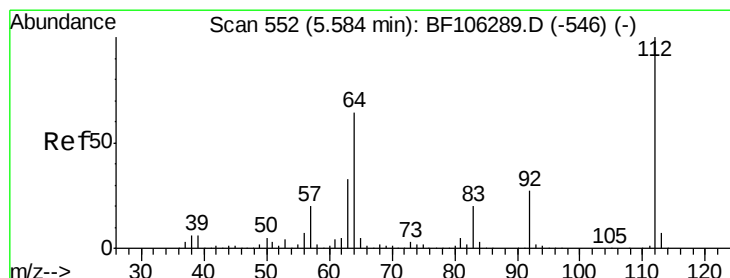
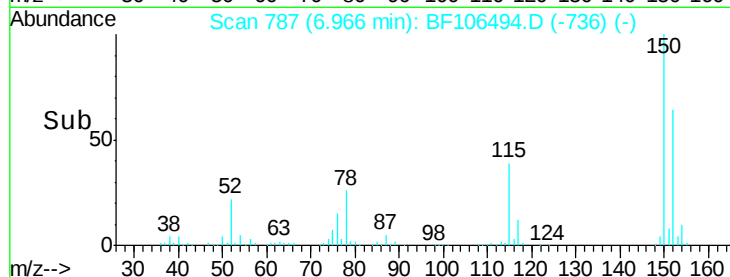
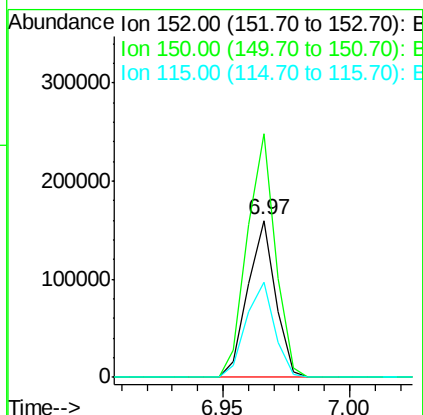
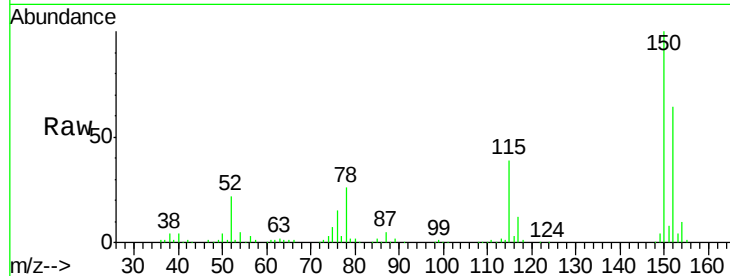


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106494.D
Acq: 15 Jun 2018 16:21

Instrument :
BNA_F
ClientSampleId :
C-MW-09-061218

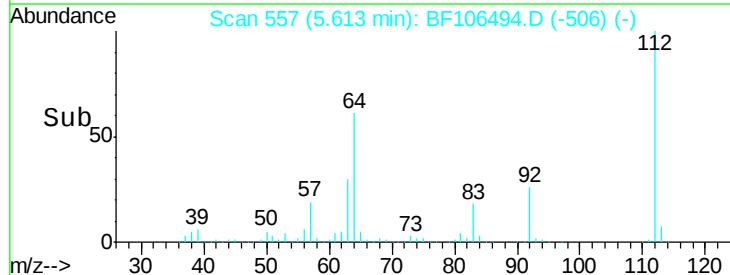
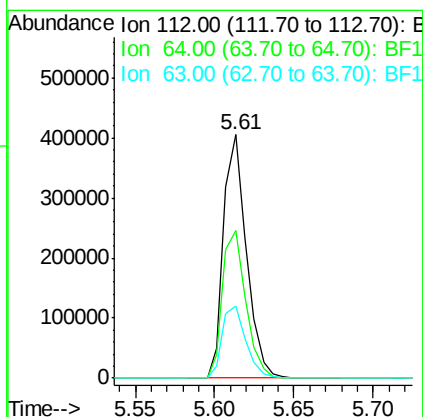
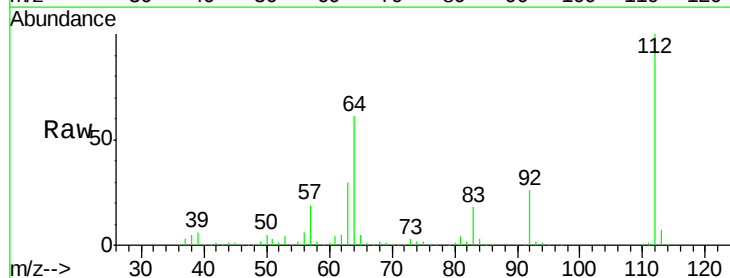
Tgt Ion:152 Resp: 122026
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 60.7 50.1 75.1

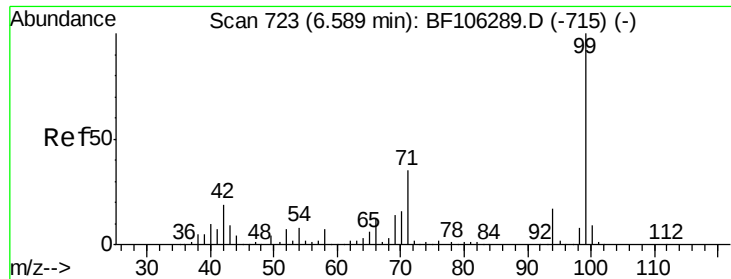


#5

2-Fluorophenol
Concen: 56.201 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106494.D
Acq: 15 Jun 2018 16:21

Tgt Ion:112 Resp: 405198
Ion Ratio Lower Upper
112 100
64 60.5 47.9 71.9
63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 33.618 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106494.D

Acq: 15 Jun 2018 16:21

Instrument :

BNA_F

ClientSampleId :

C-MW-09-061218

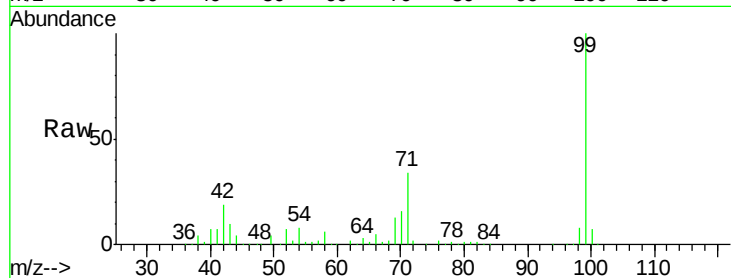
Tgt Ion: 99 Resp: 306225

Ion Ratio Lower Upper

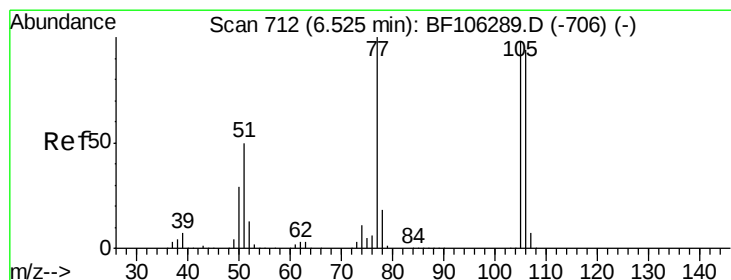
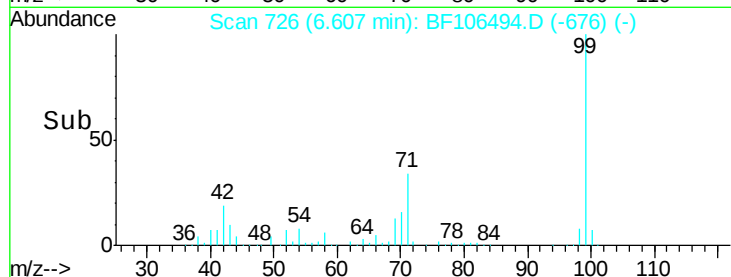
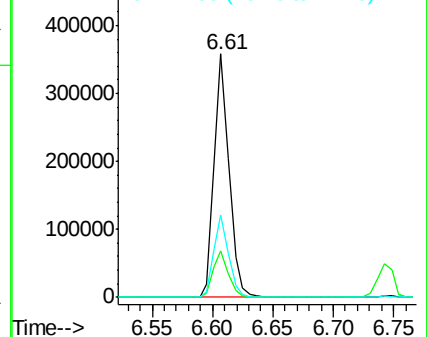
99 100

42 19.0 14.5 21.7

71 34.0 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: 2.293 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106494.D

Acq: 15 Jun 2018 16:21

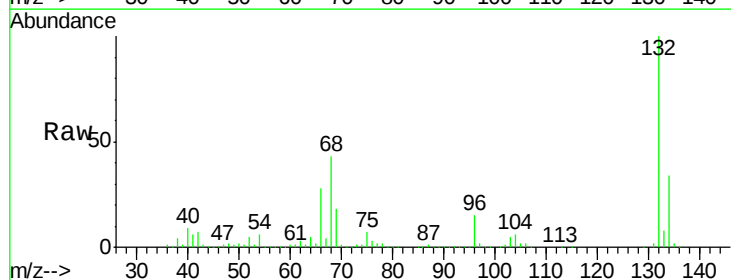
Tgt Ion: 77 Resp: 15840

Ion Ratio Lower Upper

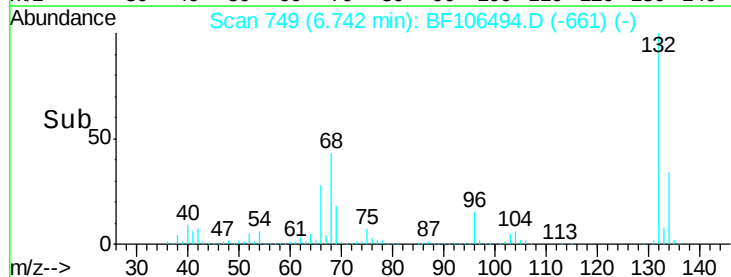
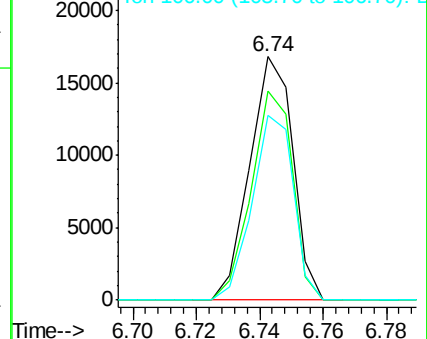
77 100

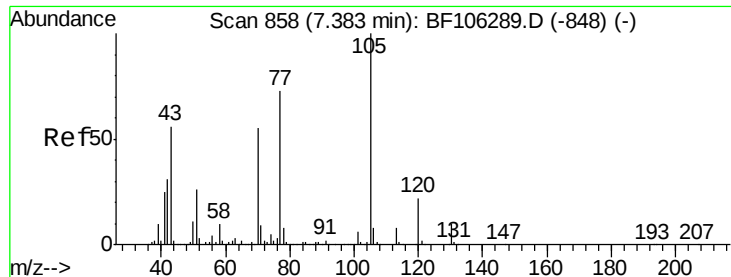
105 85.7 81.1 121.1

106 75.7 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

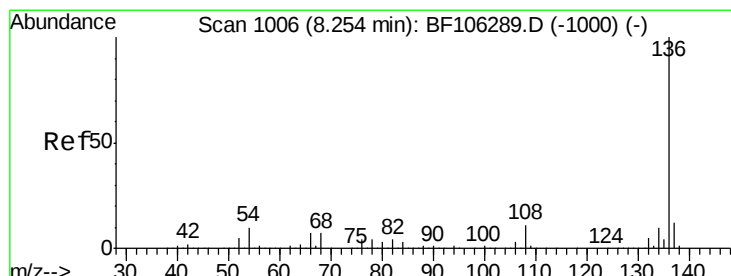
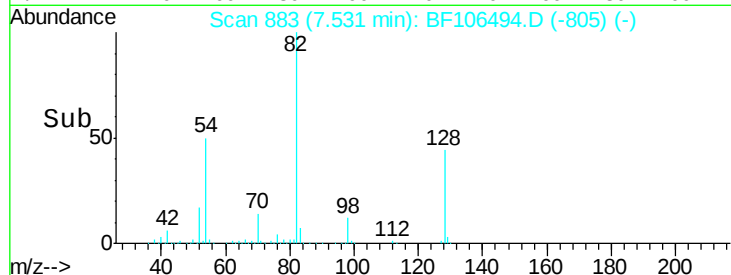
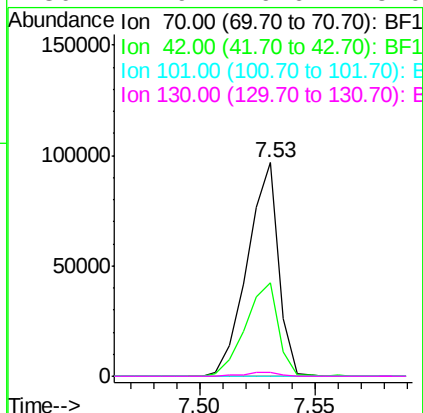
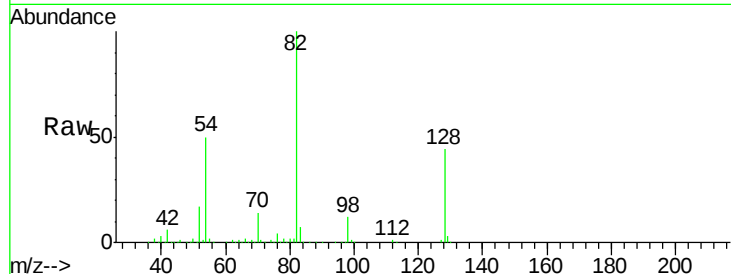




#19
n-Nitroso-di-n-propylamine
Concen: 13.355 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106494.D
Acq: 15 Jun 2018 16:21

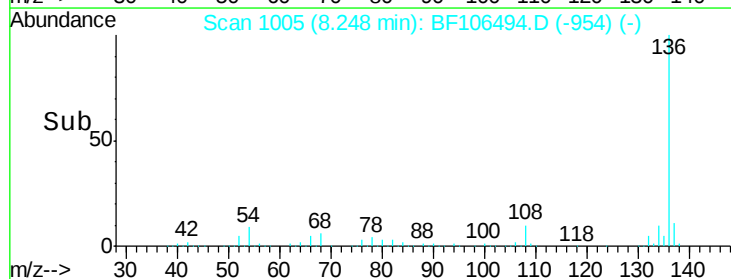
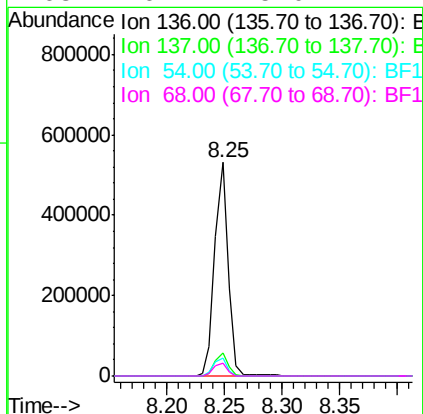
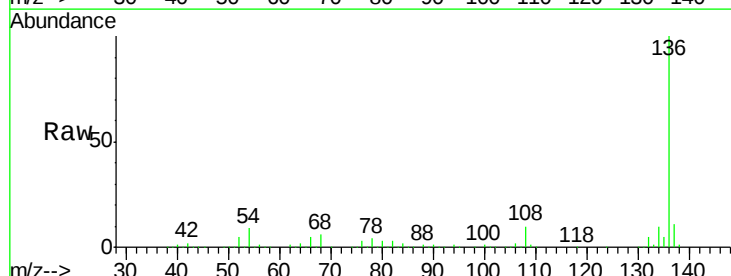
Instrument :
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C-MW-09-061218

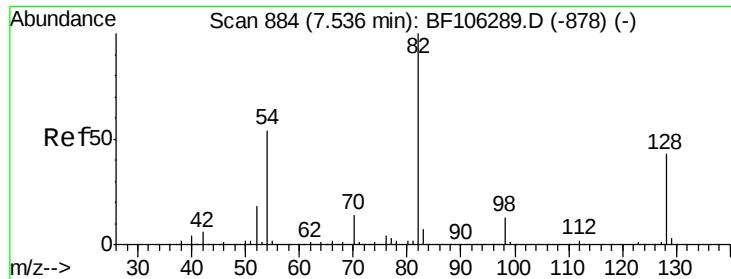
Tgt Ion: 70 Resp: 91265
Ion Ratio Lower Upper
70 100
42 43.6 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106494.D
Acq: 15 Jun 2018 16:21

Tgt Ion: 136 Resp: 431363
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.6 6.6 9.8
68 6.2 5.0 7.4

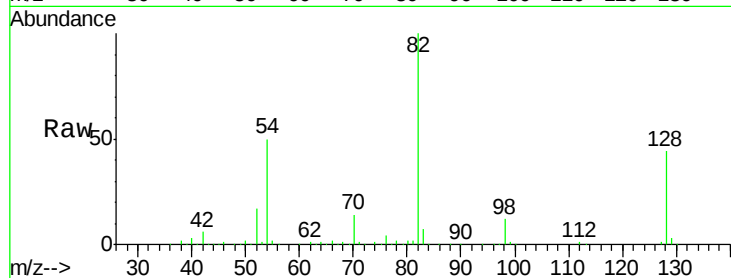




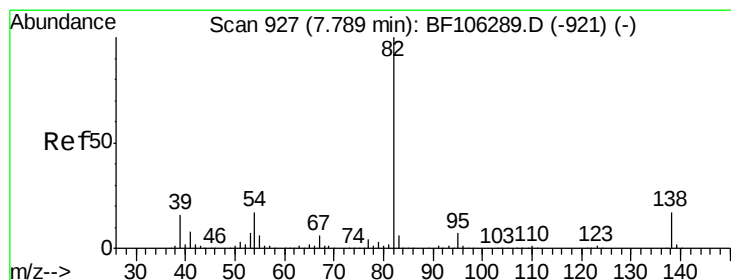
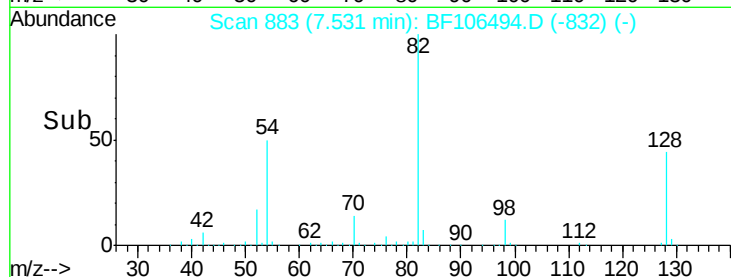
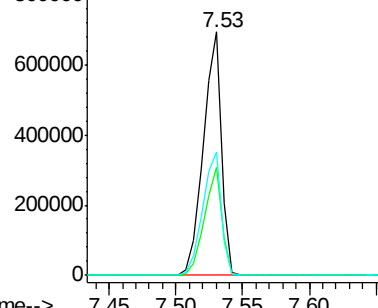
#23
 Nitrobenzene-d5
 Concen: 90.844 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106494.D
 Acq: 15 Jun 2018 16:21

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-09-061218

Tgt Ion: 82 Resp: 666118
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.1 54.1
 54 50.4 41.4 62.2

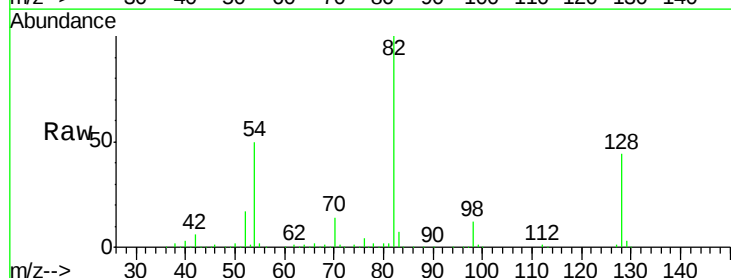


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

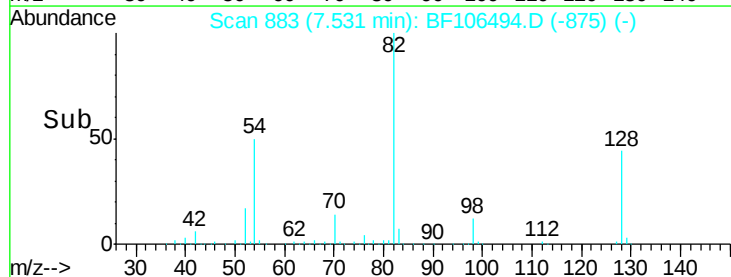
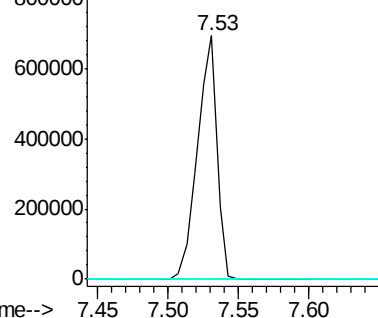


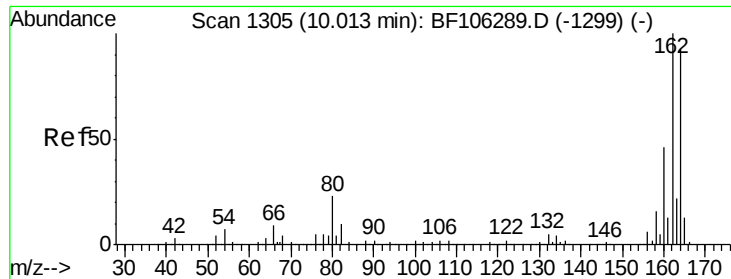
#25
 Isophorone
 Concen: 46.509 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.25 min
 Lab File: BF106494.D
 Acq: 15 Jun 2018 16:21

Tgt Ion: 82 Resp: 666113
 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: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106494.D

Acq: 15 Jun 2018 16:21

Instrument :

BNA_F

ClientSampleId :

C-MW-09-061218

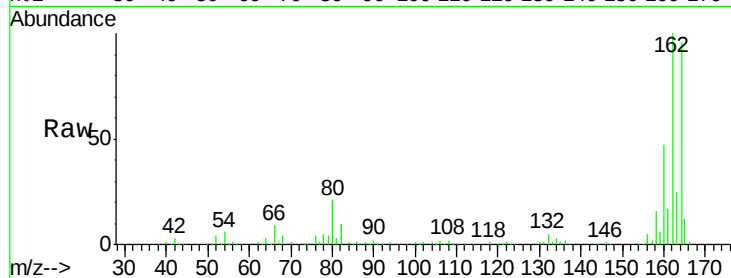
Tgt Ion:164 Resp: 176729

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

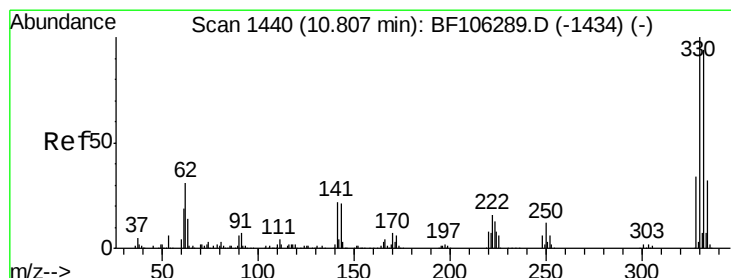
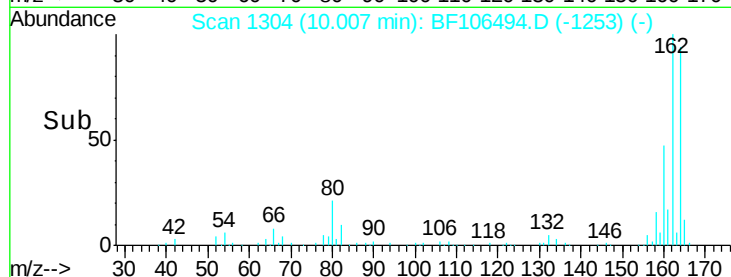
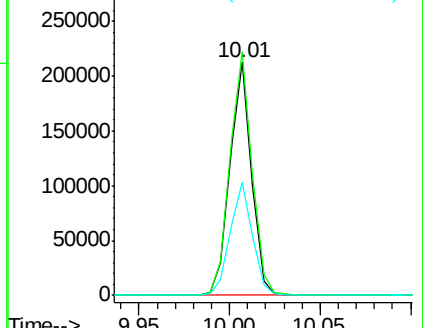
160 48.6 38.3 57.5



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: 124.802 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106494.D

Acq: 15 Jun 2018 16:21

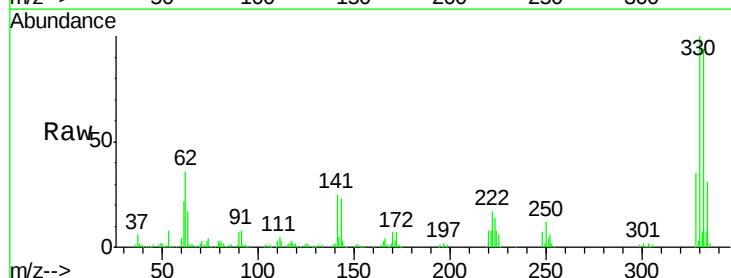
Tgt Ion:330 Resp: 212219

Ion Ratio Lower Upper

330 100

332 94.1 77.0 115.6

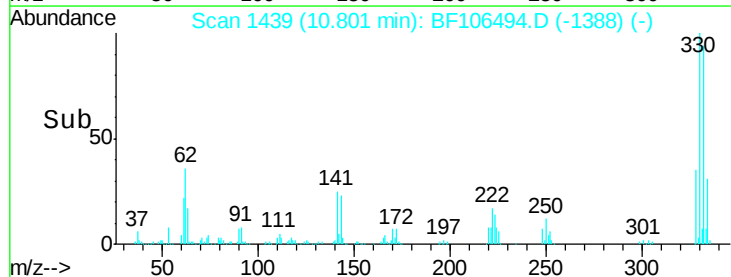
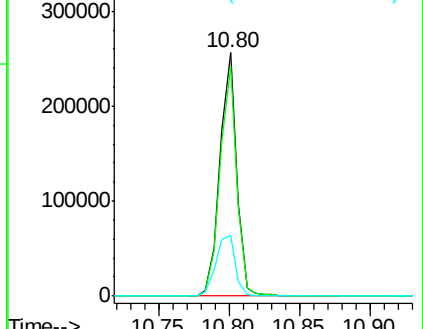
141 29.2 29.9 44.9#

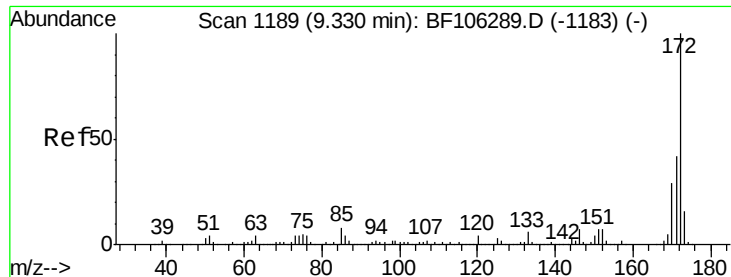


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

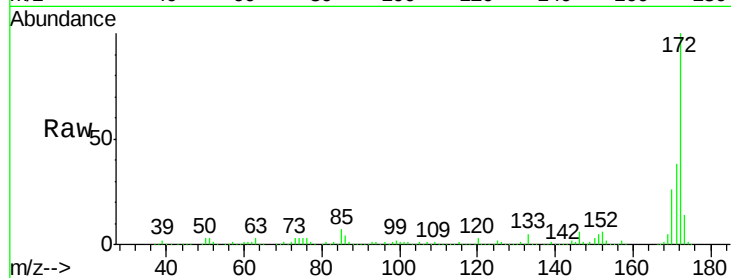




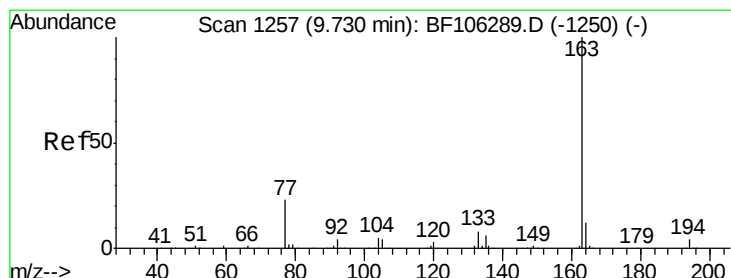
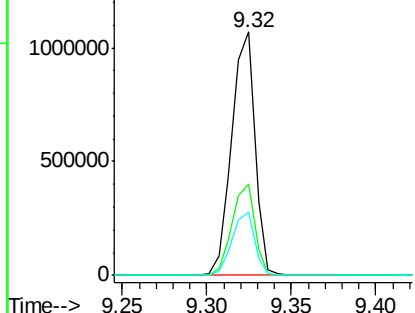
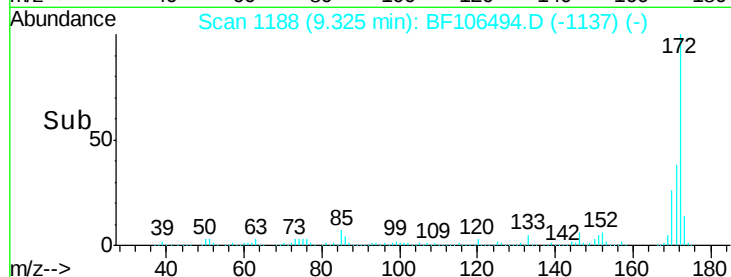
#44
 2-Fluorobiphenyl
 Concen: 114.328 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106494.D
 Acq: 15 Jun 2018 16:21

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Tgt Ion:172 Resp: 1024258
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.7 44.5
 170 26.0 19.6 29.4

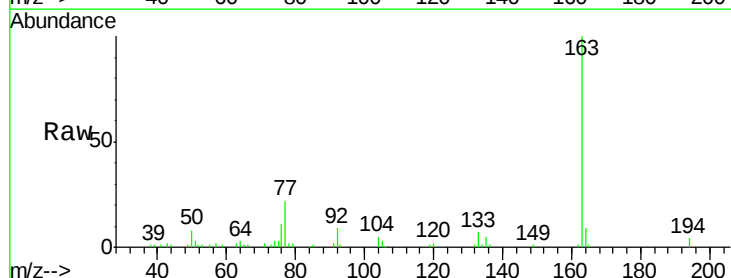


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

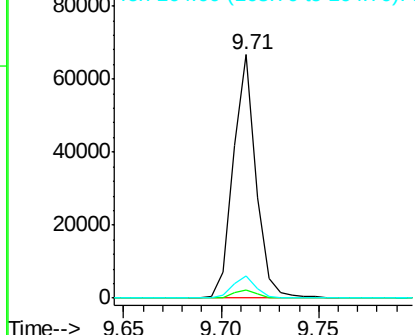
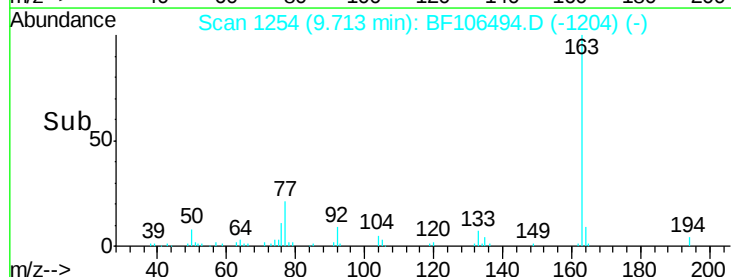


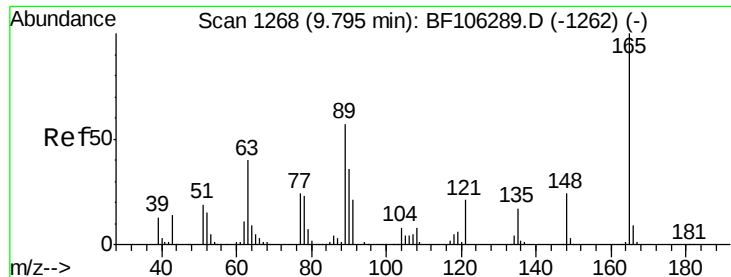
#49
 Dimethylphthalate
 Concen: 4.254 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106494.D
 Acq: 15 Jun 2018 16:21

Tgt Ion:163 Resp: 53712
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 9.2 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

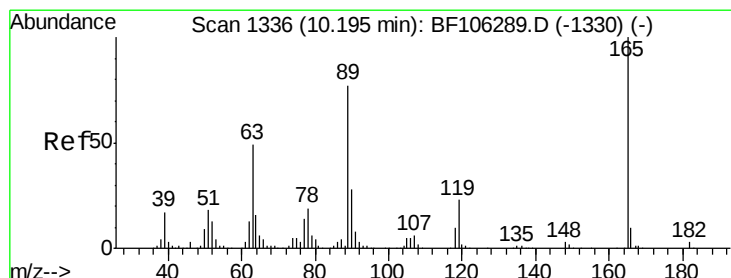
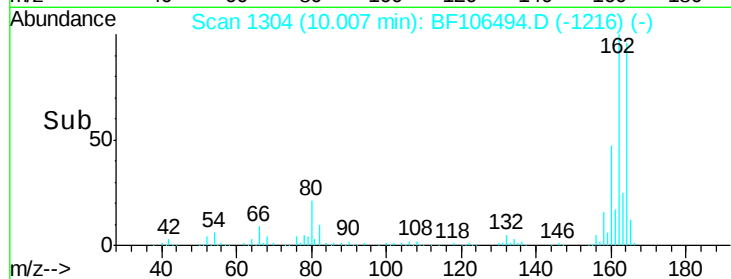
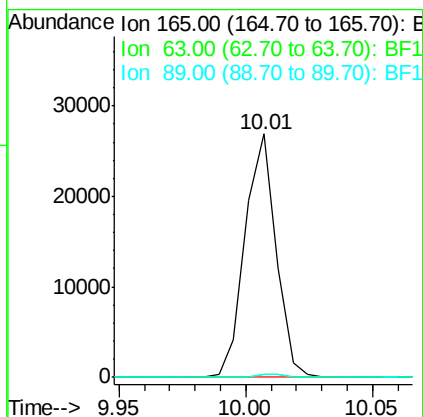
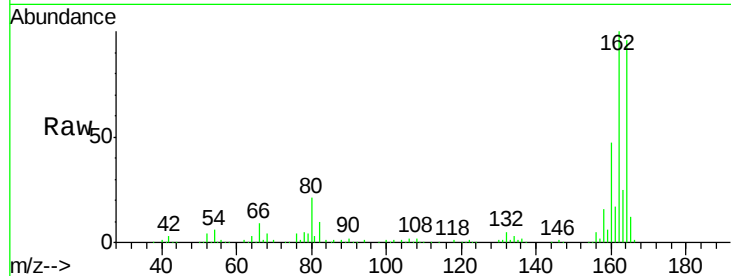




#50
 2,6-Dinitrotoluene
 Concen: 8.905 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.22 min
 Lab File: BF106494.D
 Acq: 15 Jun 2018 16:21

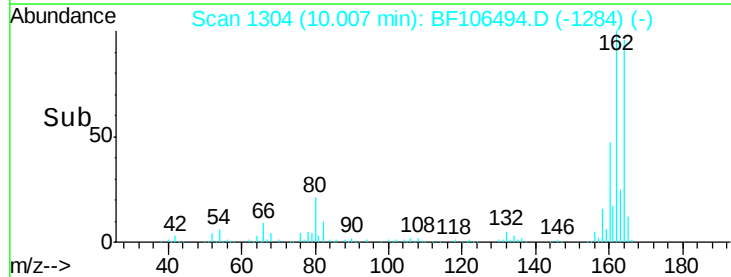
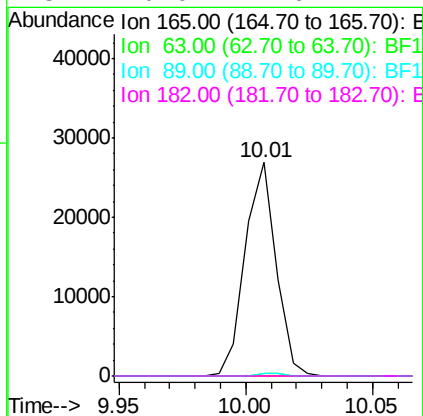
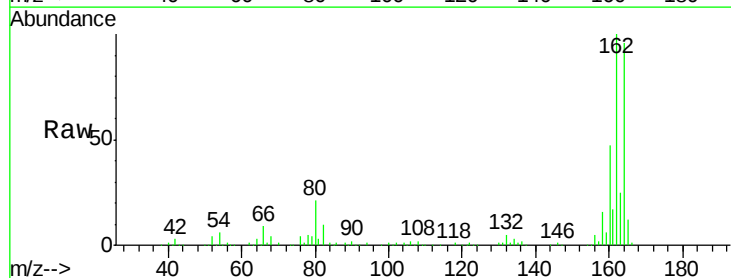
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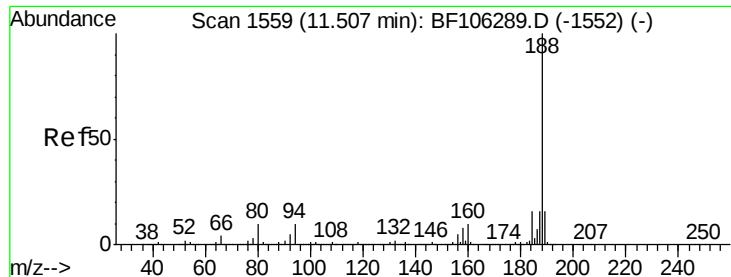
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.092 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.18 min
 Lab File: BF106494.D
 Acq: 15 Jun 2018 16:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106494.D

Acq: 15 Jun 2018 16:21

Instrument :

BNA_F

ClientSampleId :

C-MW-09-061218

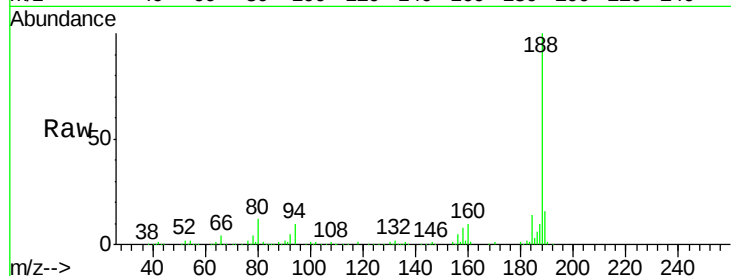
Tgt Ion:188 Resp: 290423

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

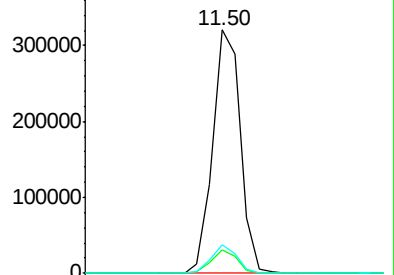
80 11.6 9.2 13.8



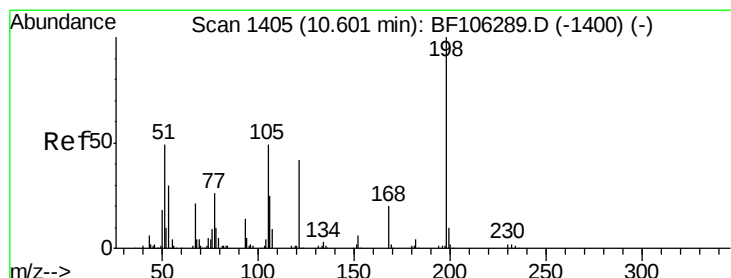
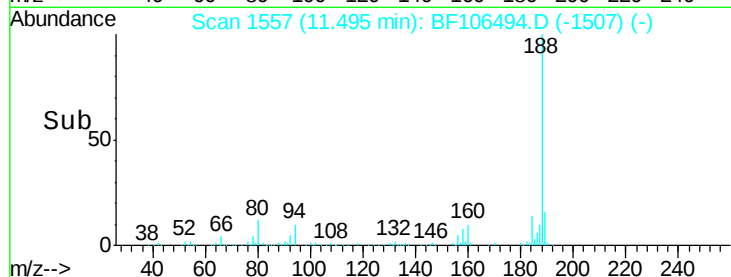
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 6.503 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF106494.D

Acq: 15 Jun 2018 16:21

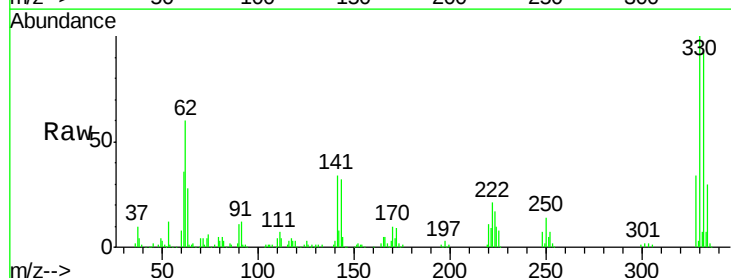
Tgt Ion:198 Resp: 375

Ion Ratio Lower Upper

198 100

51 167.6 37.7 77.7#

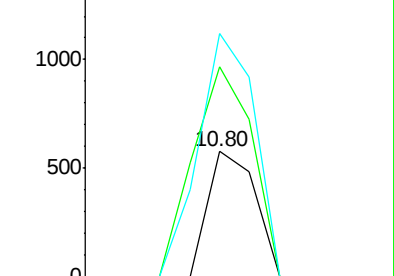
105 194.1 36.3 76.3#



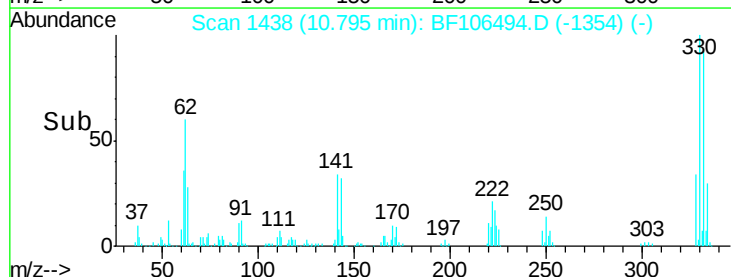
Abundance Ion 198.00 (197.70 to 198.70): E

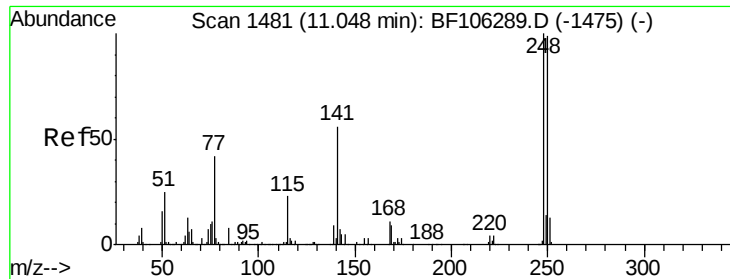
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->

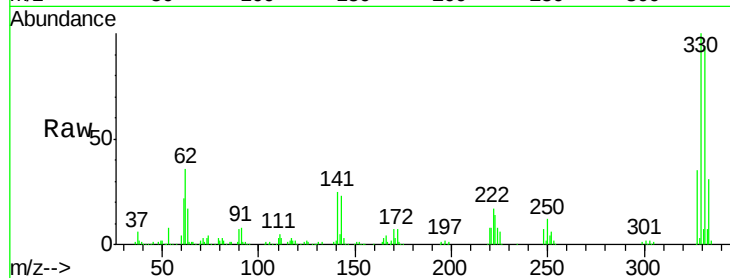




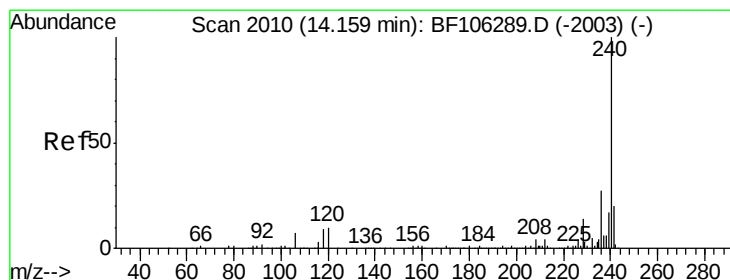
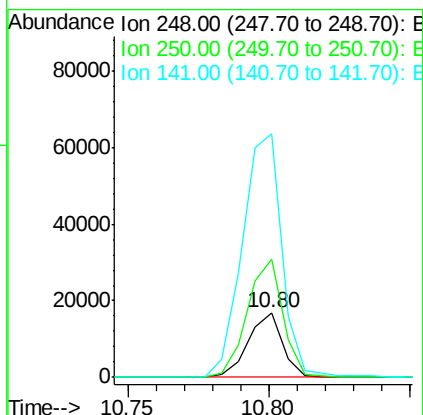
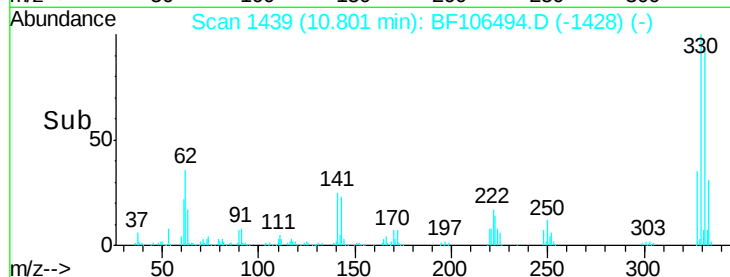
#66
4-Bromophenyl-phenylether
Concen: 4.269 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106494.D
Acq: 15 Jun 2018 16:21

Instrument :
BNA_F
ClientSampleId :
C-MW-09-061218

Tgt Ion:248 Resp: 14102
Ion Ratio Lower Upper
248 100
250 183.6 76.9 115.3#
141 377.7 74.4 111.6#

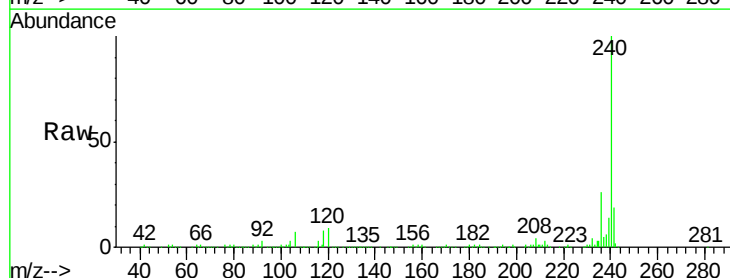


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

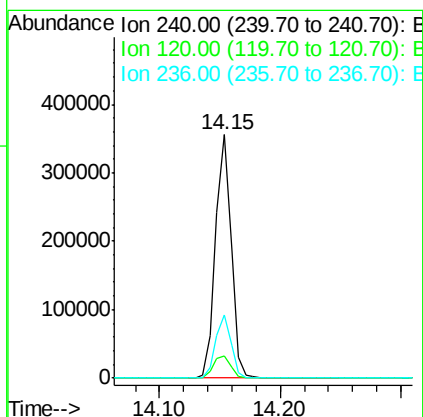
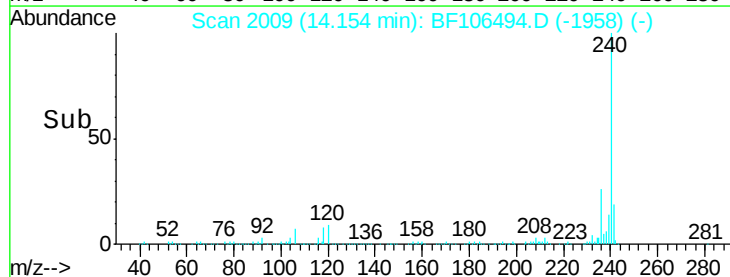


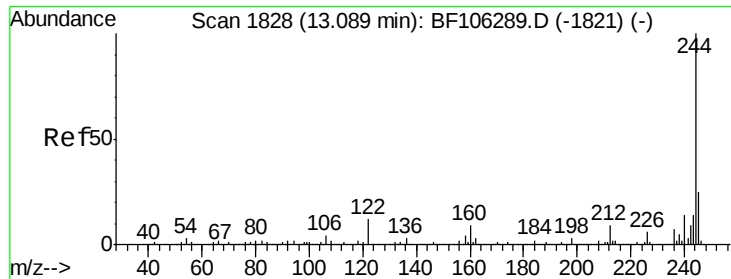
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF106494.D
Acq: 15 Jun 2018 16:21

Tgt Ion:240 Resp: 314725
Ion Ratio Lower Upper
240 100
120 9.4 9.5 14.3#
236 26.0 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

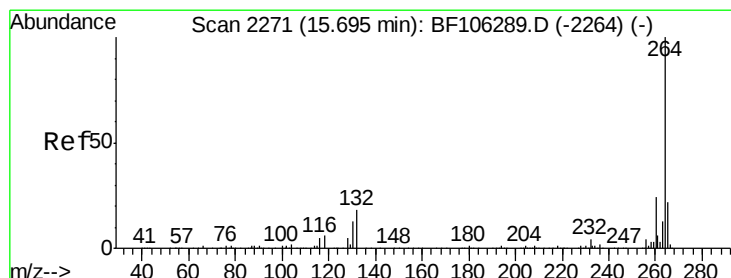
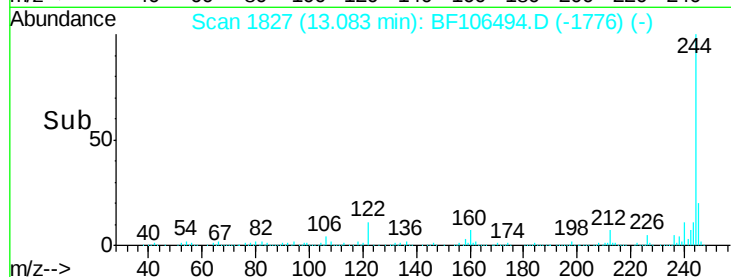
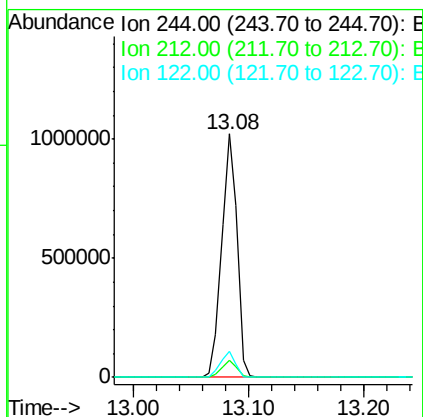
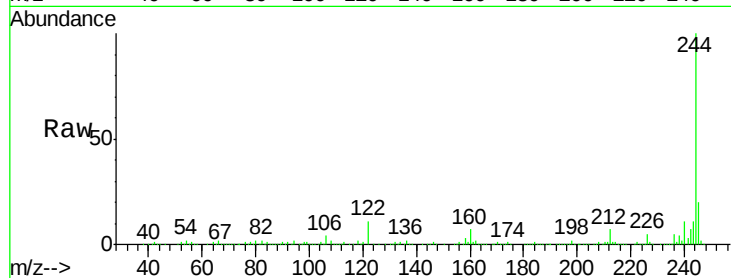




#78
 Terphenyl-d14
 Concen: 74.352 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106494.D
 Acq: 15 Jun 2018 16:21

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-09-061218

Tgt Ion: 244 Resp: 942125
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. 0.02 min
 Lab File: BF106494.D
 Acq: 15 Jun 2018 16:21

Tgt Ion: 264 Resp: 283628
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.8 17.5 26.3

