

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106497.D
 Acq On : 15 Jun 2018 17:40
 Operator : JU/SJ
 Sample : J3464-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-41-COMP

Quant Time: Jun 15 22:58:16 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

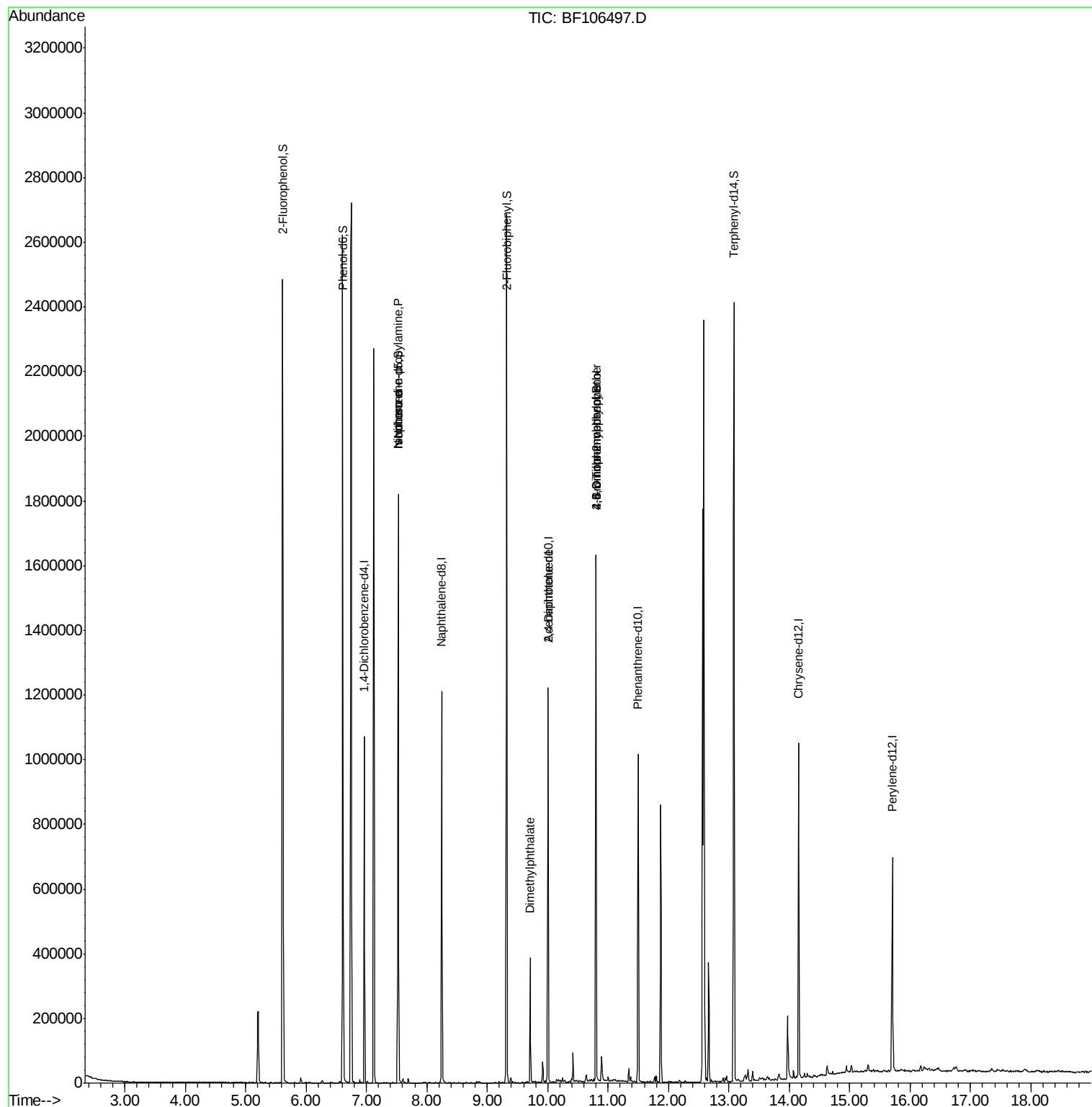
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	134217	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	503730	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	218628	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	356568	20.00	ng	0.00
75) Chrysene-d12	14.15	240	347646	20.00	ng	0.00
86) Perylene-d12	15.71	264	312702	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	761787	96.06	ng	0.00
7) Phenol-d6	6.61	99	918322	91.66	ng	0.00
23) Nitrobenzene-d5	7.53	82	622238	72.67	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	206696	98.26	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	899279	68.51	ng	0.00
78) Terphenyl-d14	13.08	244	791938	56.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	84643	11.261	ng	# 76
25) Isophorone	7.53	82	622231	37.204	ng	# 64
49) Dimethylphthalate	9.71	163	133521	8.548	ng	# 99
56) 2,4-Dinitrotoluene	10.01	165	27656	6.903	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	354	6.455	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13952	3.440	ng	# 1

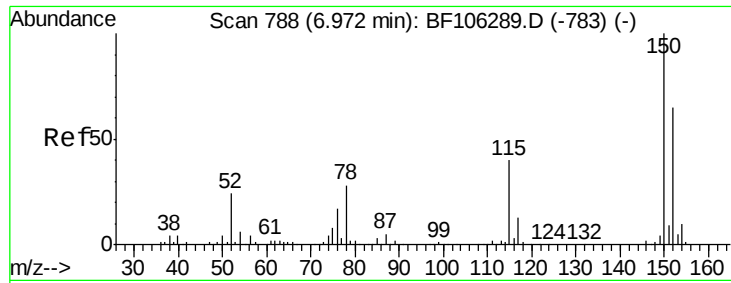
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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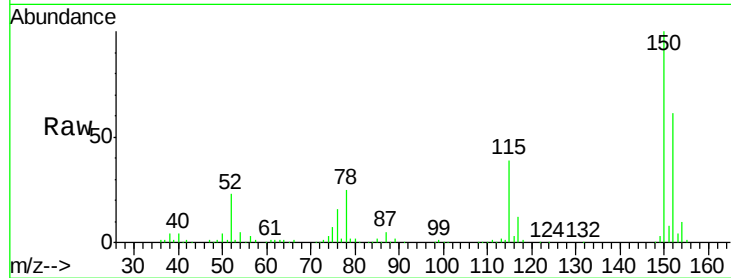




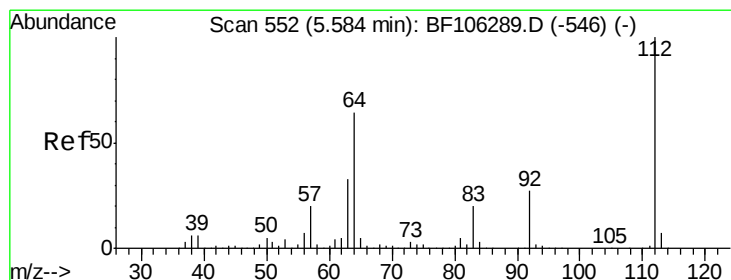
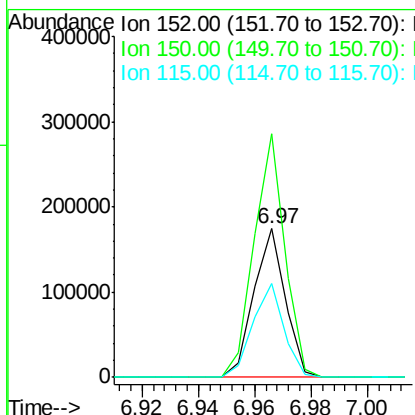
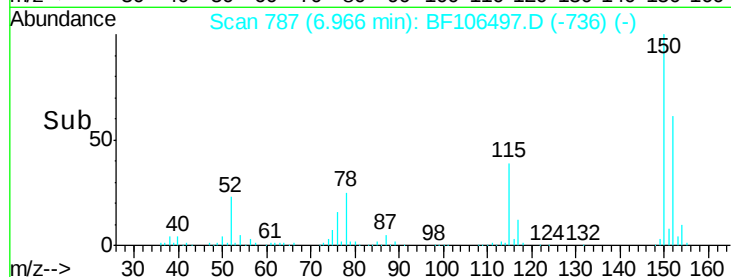
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106497.D
 Acq: 15 Jun 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-41-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.8	124.6	186.8
115	63.2	50.1	75.1

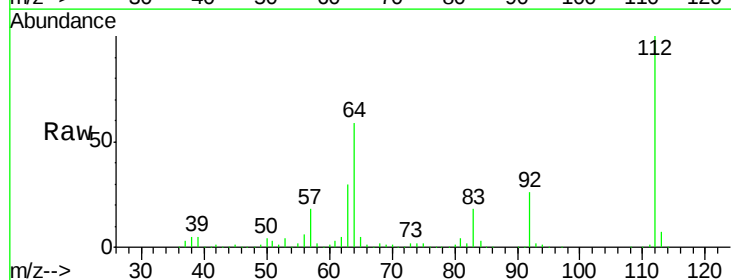


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

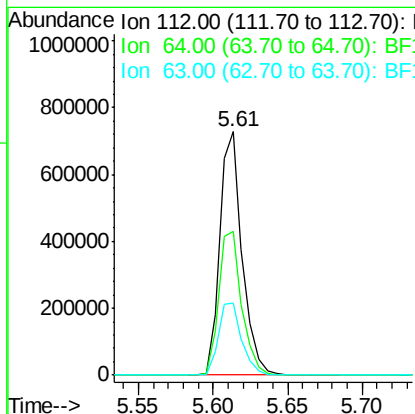
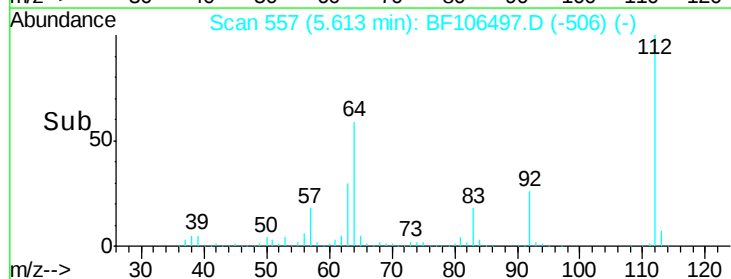


#5
 2-Fluorophenol
 Concen: 96.063 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF106497.D
 Acq: 15 Jun 2018 17:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	29.8	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: 91.658 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106497.D

Acq: 15 Jun 2018 17:40

Instrument :

BNA_F

ClientSampleId :

SB-41-COMP

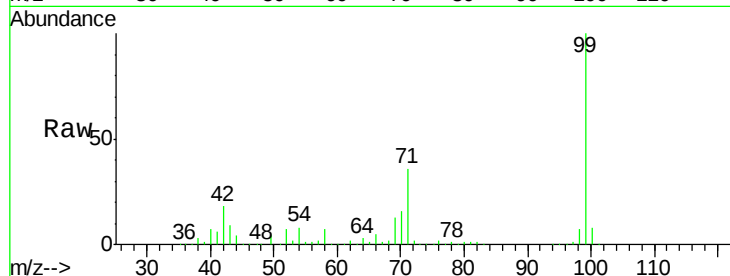
Tgt Ion: 99 Resp: 918322

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

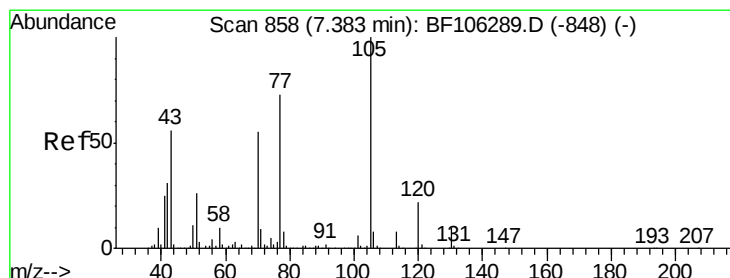
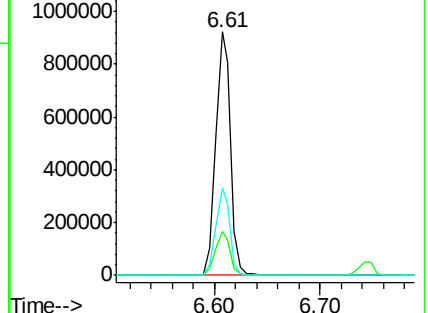
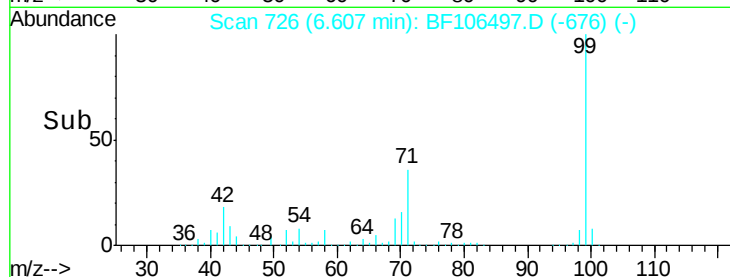
71 35.9 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.261 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106497.D

Acq: 15 Jun 2018 17:40

Tgt Ion: 70 Resp: 84643

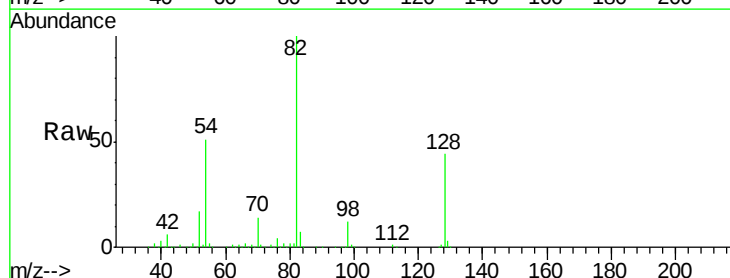
Ion Ratio Lower Upper

70 100

42 45.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

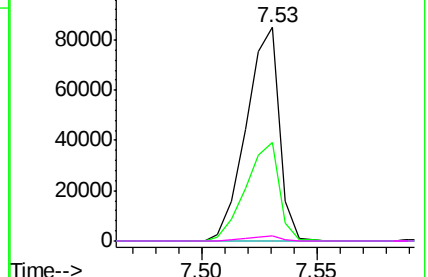
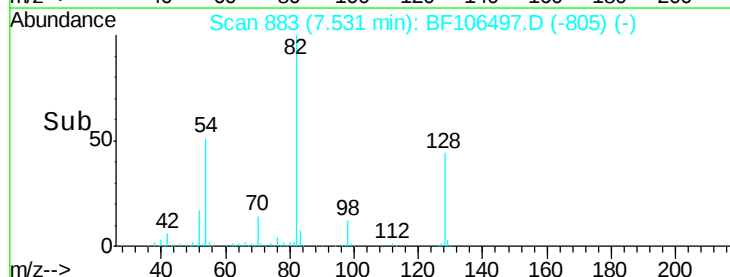


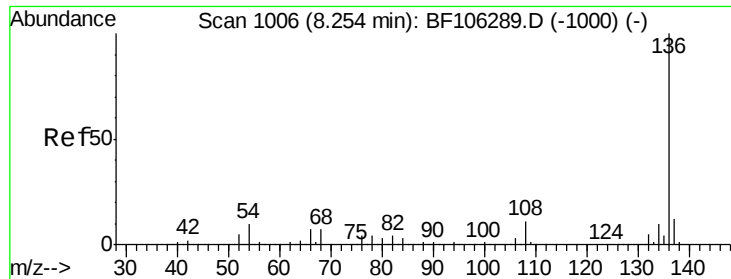
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

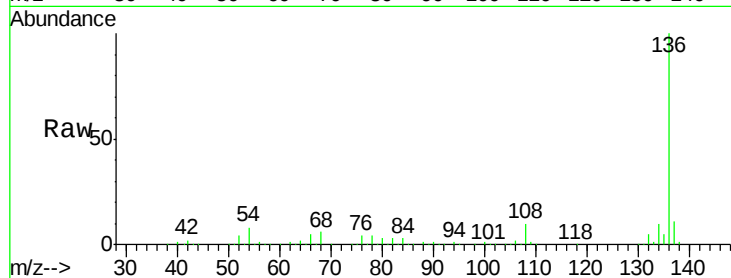




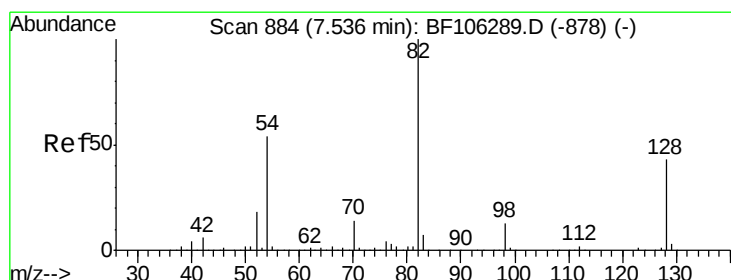
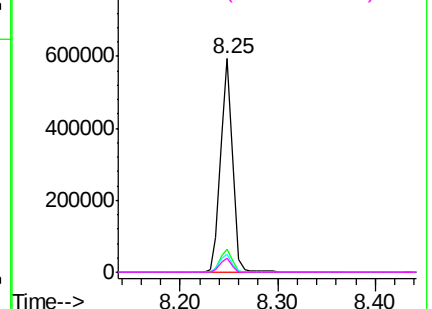
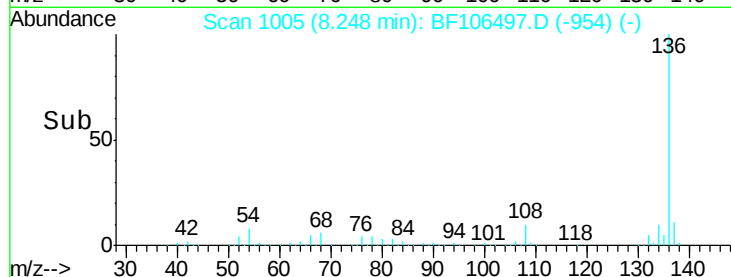
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106497.D
Acq: 15 Jun 2018 17:40

Instrument :
BNA_F
ClientSampleId :
SB-41-COMP

Tgt Ion:	136	Resp:	503730
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	6.6	9.8
68	6.4	5.0	7.4

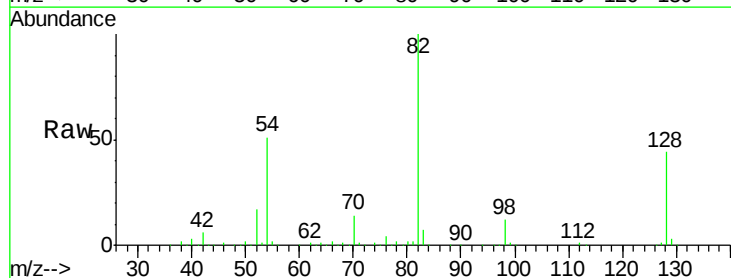


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

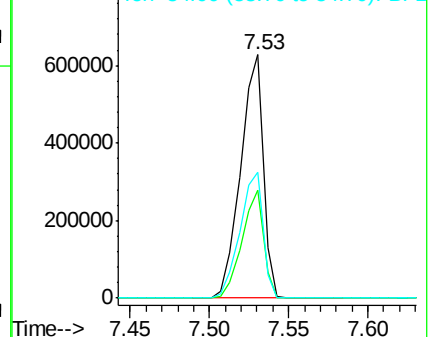
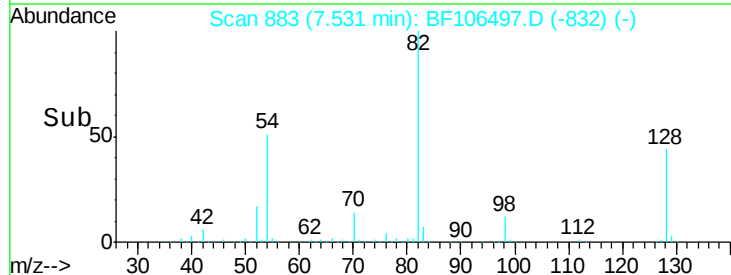


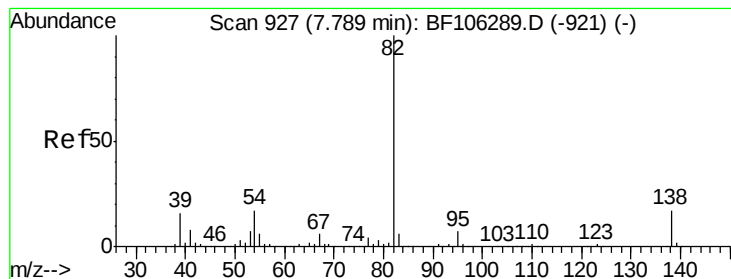
#23
Nitrobenzene-d5
Concen: 72.669 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106497.D
Acq: 15 Jun 2018 17:40

Tgt Ion:	82	Resp:	622238
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	51.5	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





#25

Isophorone

Concen: 37.204 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106497.D

Acq: 15 Jun 2018 17:40

Instrument :

BNA_F

ClientSampleId :

SB-41-COMP

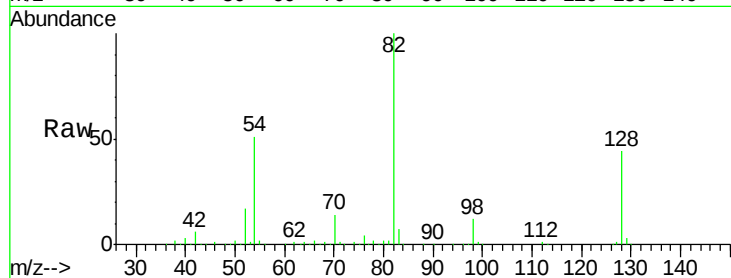
Tgt Ion: 82 Resp: 622231

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

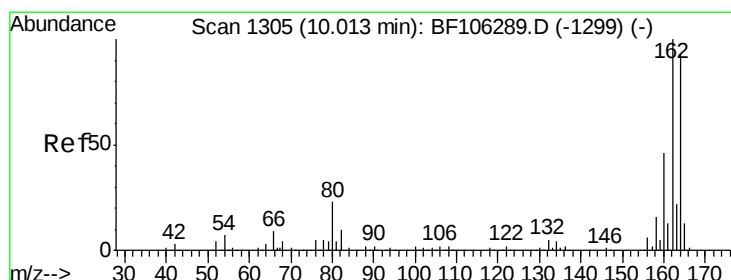
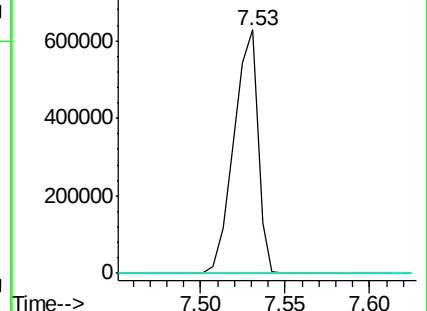
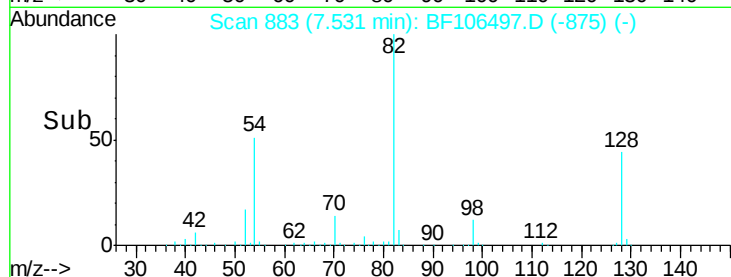
138 0.0 14.9 22.3#



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: BF106497.D

Acq: 15 Jun 2018 17:40

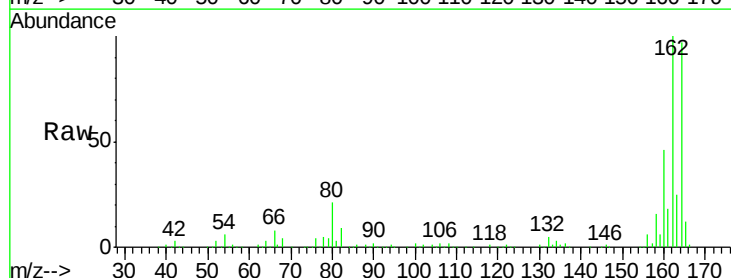
Tgt Ion: 164 Resp: 218628

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

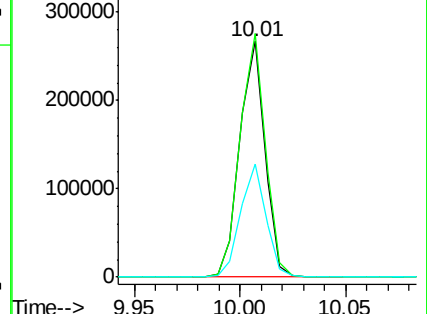
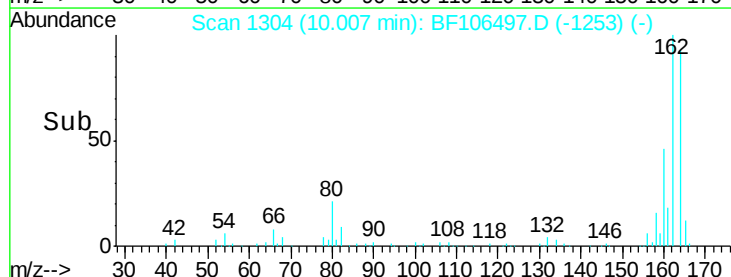
160 47.8 38.3 57.5

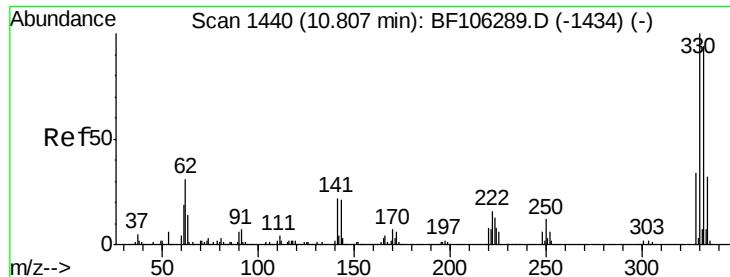


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

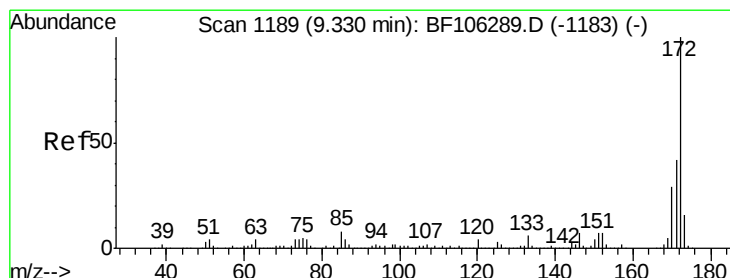
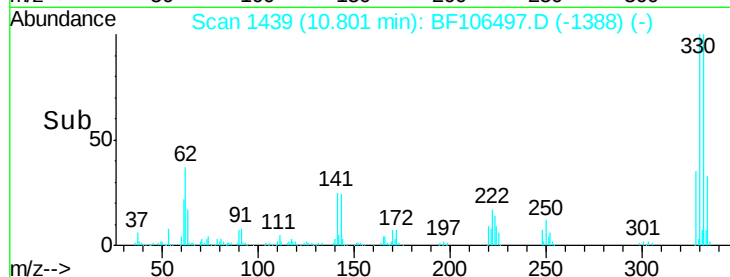
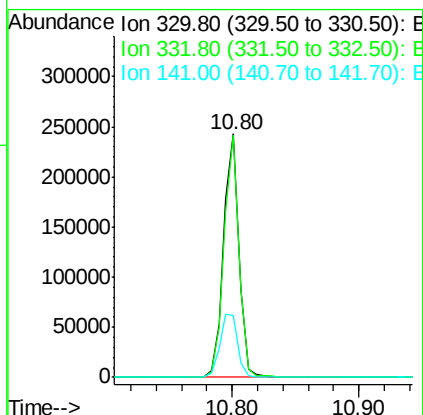
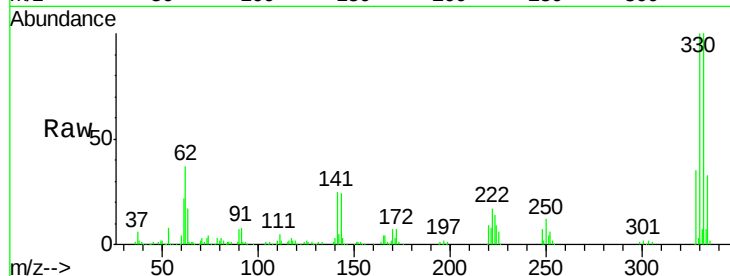




#41
 2,4,6-Tribromophenol
 Concen: 98.259 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106497.D
 Acq: 15 Jun 2018 17:40

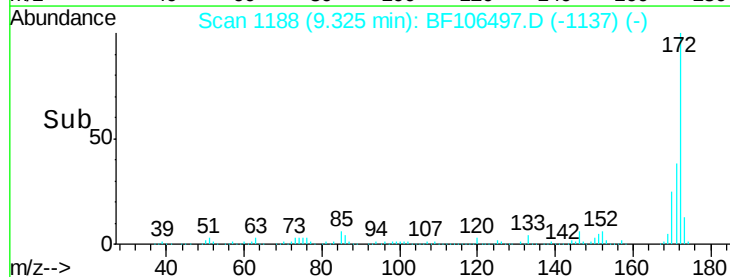
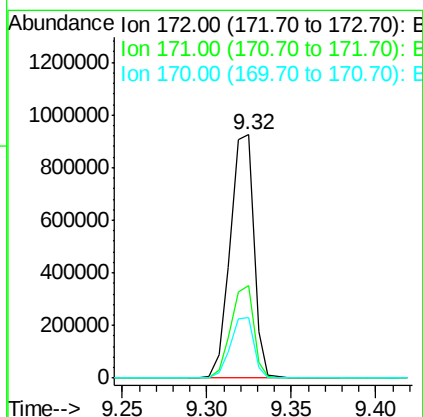
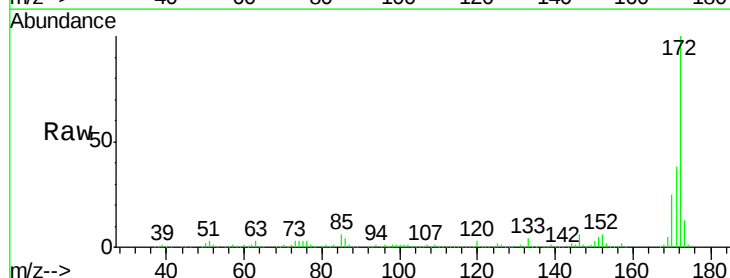
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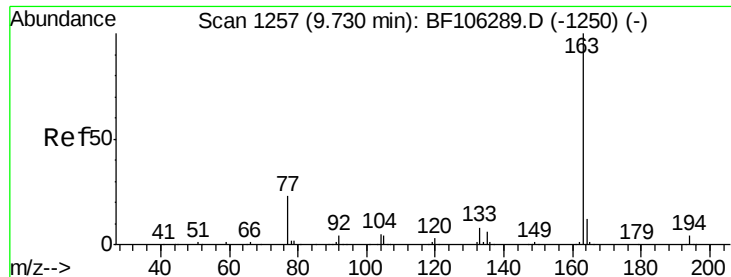
Tgt Ion: 330 Resp: 206696
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 29.9 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 68.508 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106497.D
 Acq: 15 Jun 2018 17:40

Tgt Ion: 172 Resp: 899279
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.7 44.5
 170 25.1 19.6 29.4

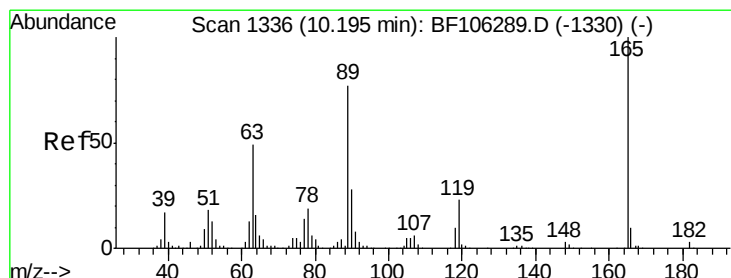
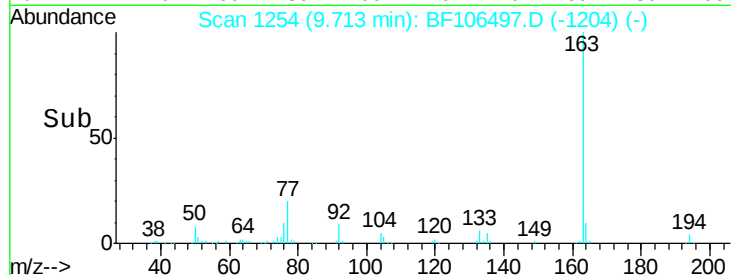
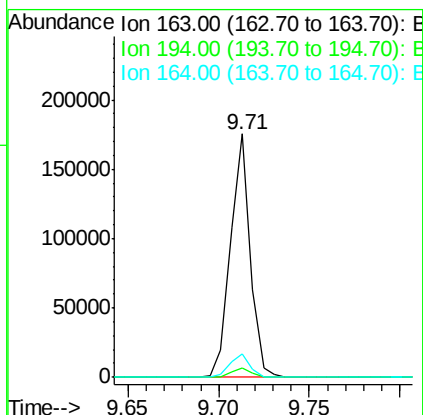
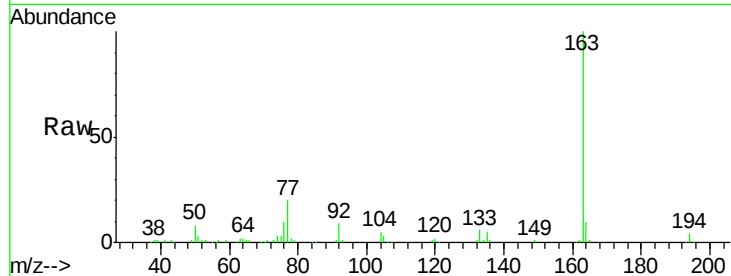




#49
Dimethylphthalate
Concen: 8.548 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106497.D
Acq: 15 Jun 2018 17:40

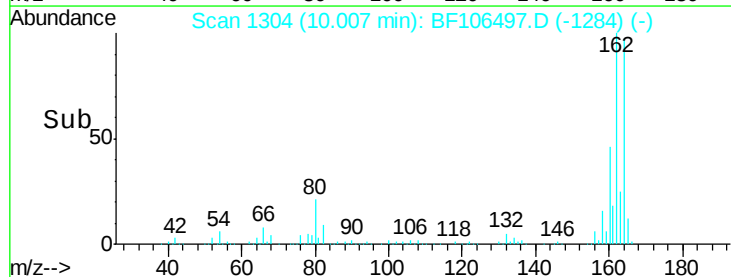
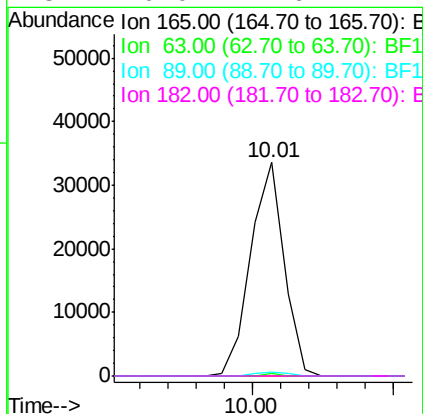
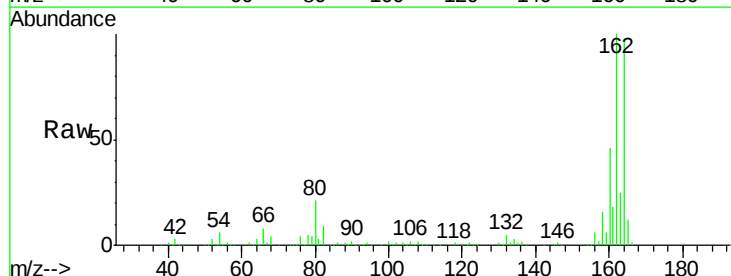
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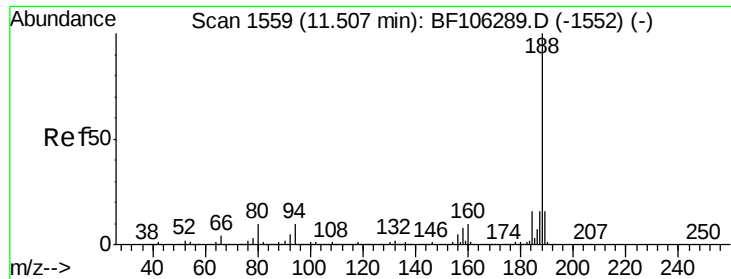
Tgt Ion:163 Resp: 133521
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.8 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.903 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106497.D
Acq: 15 Jun 2018 17:40

Tgt Ion:165 Resp: 27656
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.7 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: BF106497.D

Acq: 15 Jun 2018 17:40

Instrument :

BNA_F

ClientSampleId :

SB-41-COMP

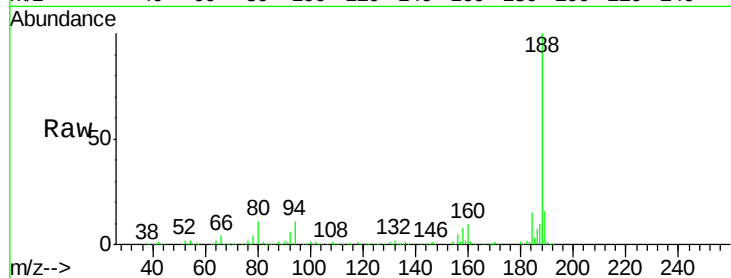
Tgt Ion:188 Resp: 356568

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

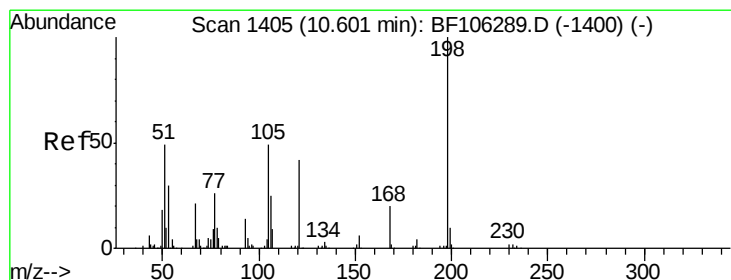
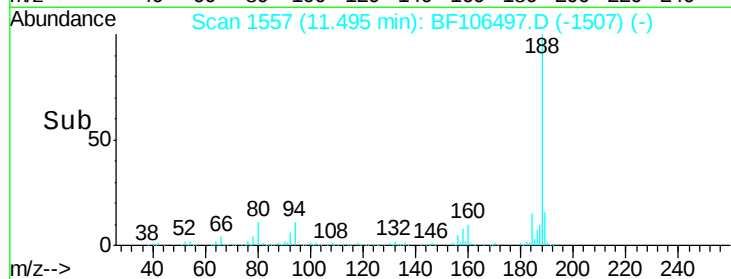
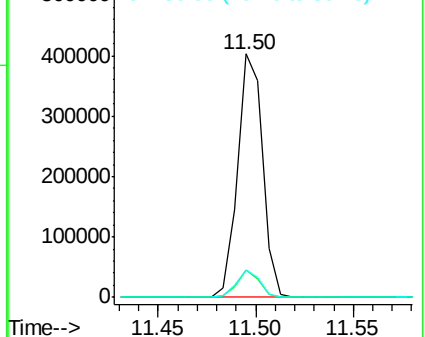
80 11.4 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.455 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106497.D

Acq: 15 Jun 2018 17:40

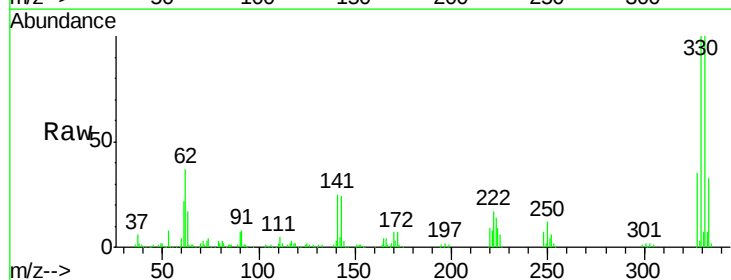
Tgt Ion:198 Resp: 354

Ion Ratio Lower Upper

198 100

51 133.0 37.7 77.7#

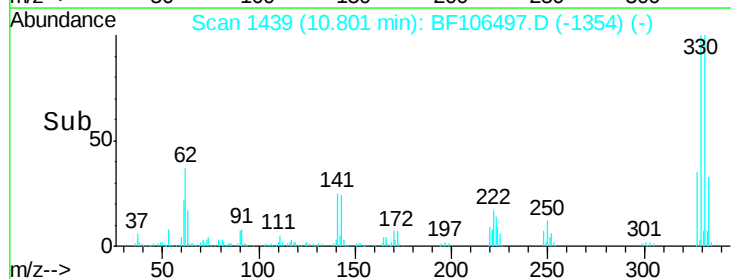
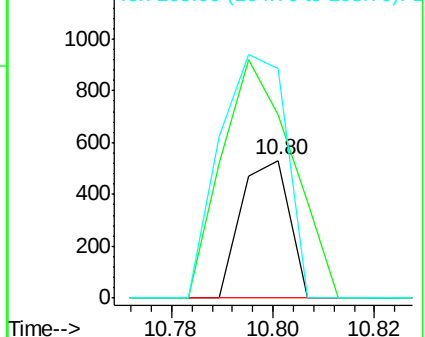
105 166.7 36.3 76.3#

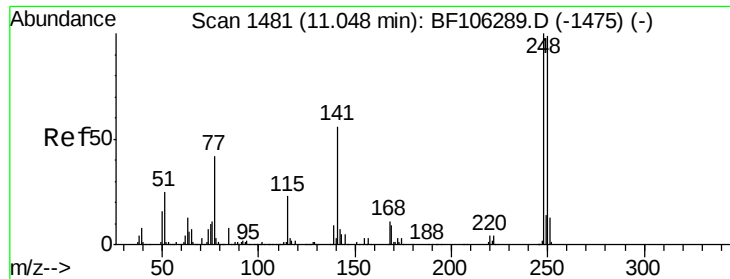


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

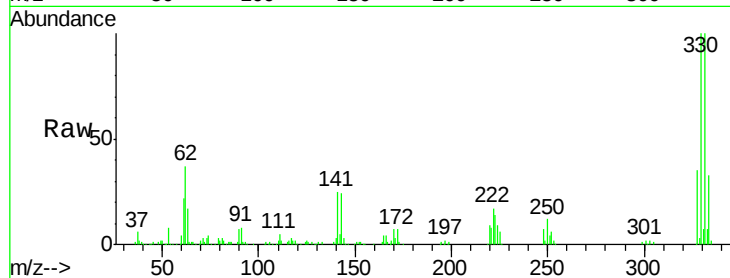




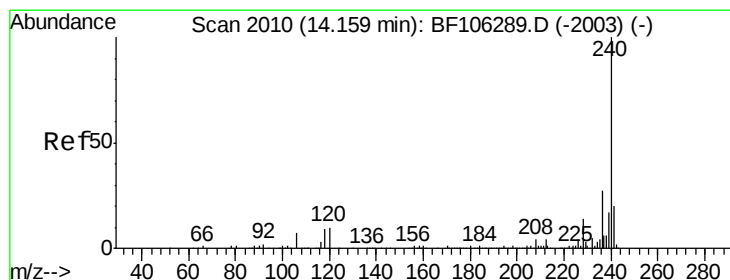
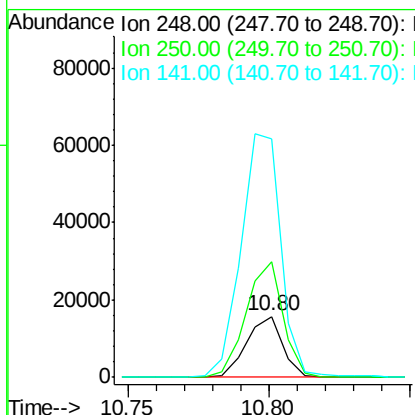
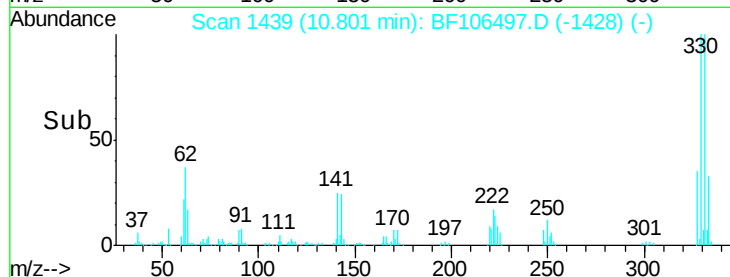
#66
 4-Bromophenyl-phenylether
 Concen: 3.440 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106497.D
 Acq: 15 Jun 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-41-COMP

Tgt Ion:248 Resp: 13952
 Ion Ratio Lower Upper
 248 100
 250 189.2 76.9 115.3#
 141 389.5 74.4 111.6#

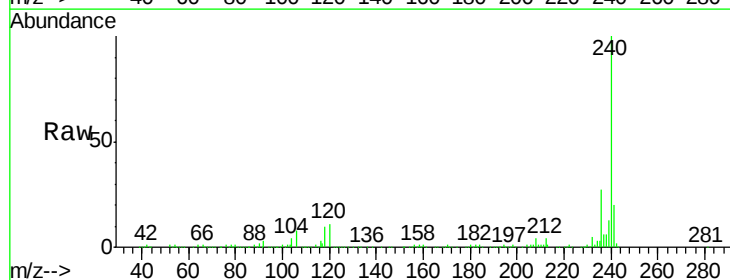


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

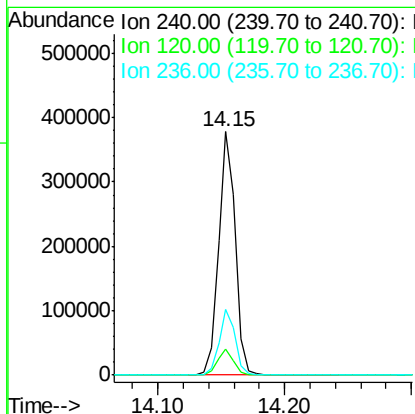
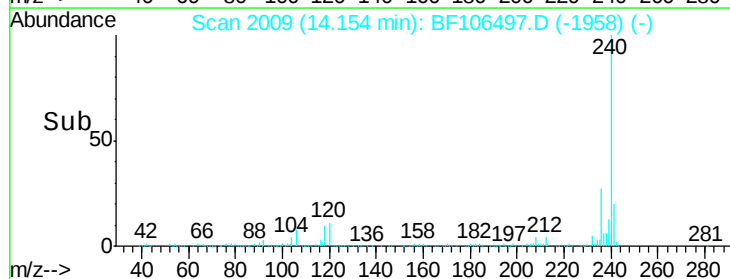


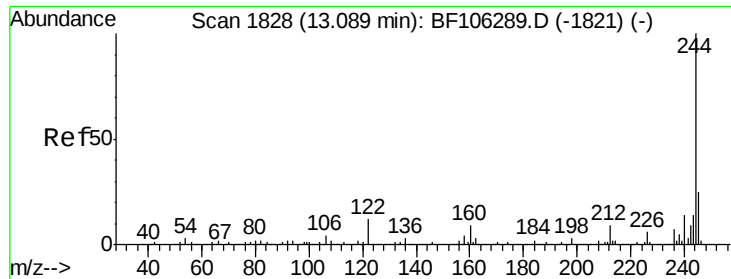
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF106497.D
 Acq: 15 Jun 2018 17:40

Tgt Ion:240 Resp: 347646
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 26.9 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

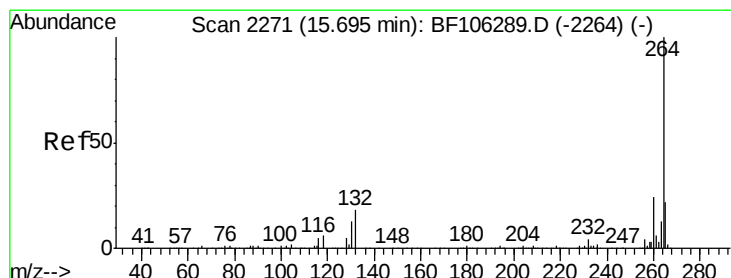
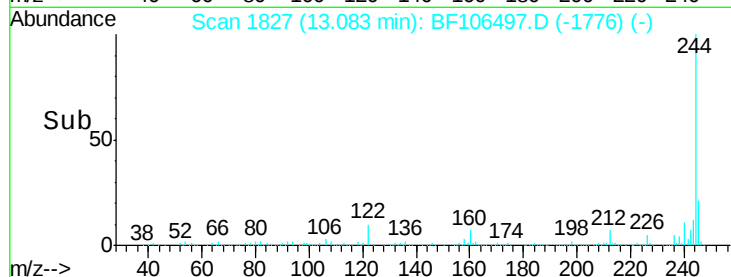
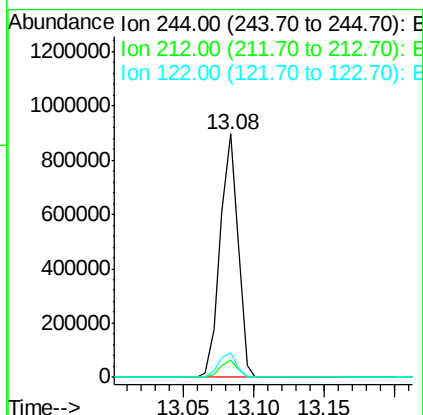
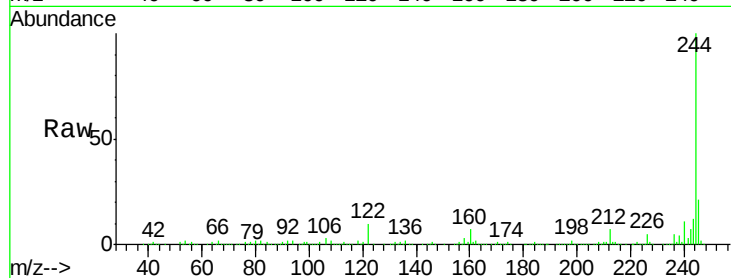




#78
 Terphenyl-d14
 Concen: 56.581 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106497.D
 Acq: 15 Jun 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-41-COMP

Tgt Ion: 244 Resp: 791938
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.3 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. 0.02 min
 Lab File: BF106497.D
 Acq: 15 Jun 2018 17:40

Tgt Ion: 264 Resp: 312702
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 20.7 17.5 26.3

