

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106542.D
 Acq On : 18 Jun 2018 16:54
 Operator : JU/SJ
 Sample : J3505-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-56-COMP

Quant Time: Jun 19 01:07:53 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

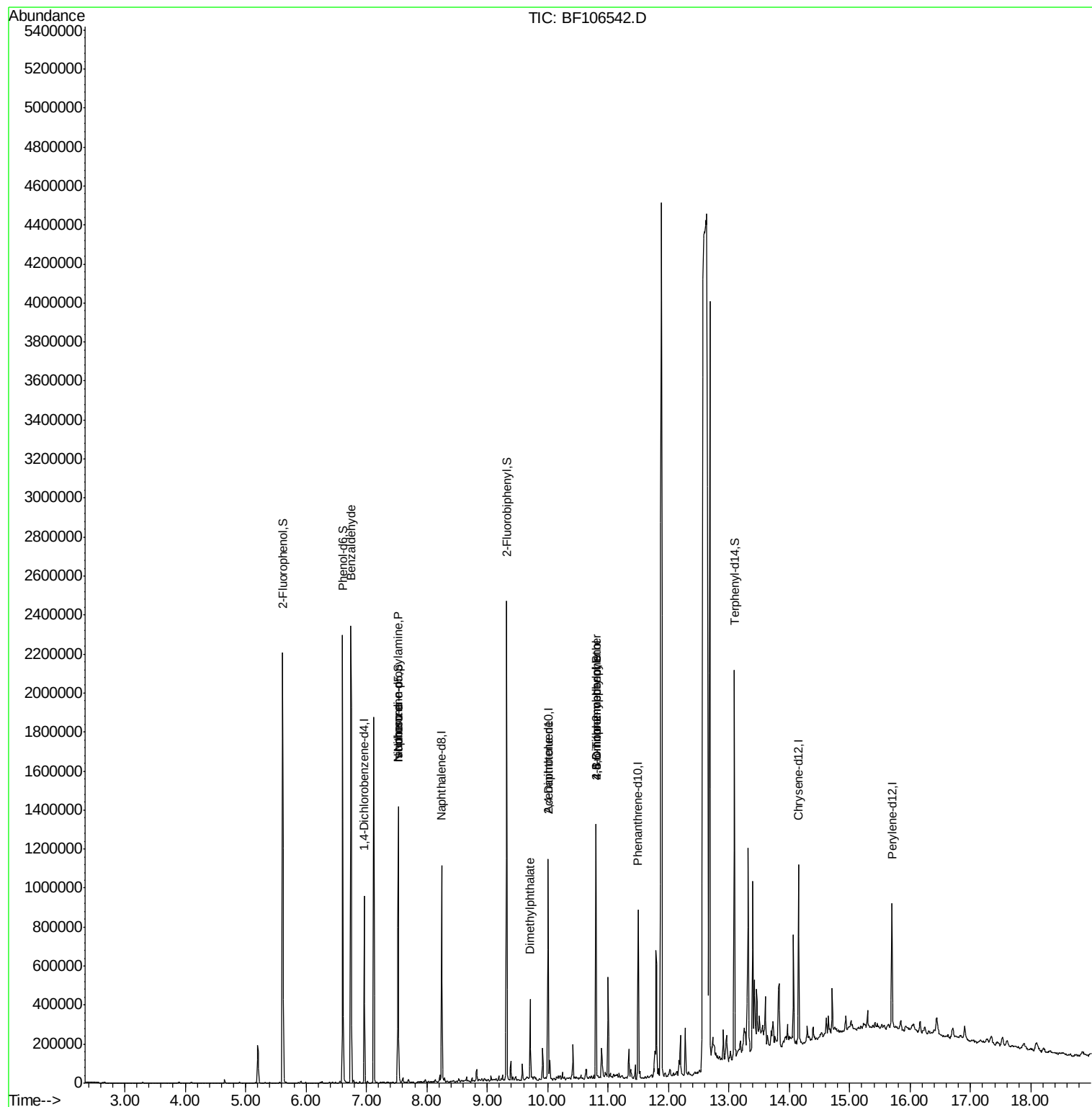
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120298	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	452763	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	200191	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	321751	20.00	ng	0.00
75) Chrysene-d12	14.15	240	311184	20.00	ng	0.00
86) Perylene-d12	15.70	264	296149	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	619538	87.16	ng	0.00
7) Phenol-d6	6.61	99	763684	85.04	ng	0.00
23) Nitrobenzene-d5	7.52	82	506806	65.85	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	169271	87.88	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	827502	68.98	ng	0.00
78) Terphenyl-d14	13.09	244	689176	55.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	14089	2.068	ng	82
19) n-Nitroso-di-n-propylamine	7.52	70	69276	10.283	ng	# 75
25) Isophorone	7.52	82	506792	33.713	ng	# 64
49) Dimethylphthalate	9.71	163	129568	9.059	ng	99
56) 2,4-Dinitrotoluene	10.01	165	26506	7.225	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	192	6.391	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	10889	2.976	ng	# 1

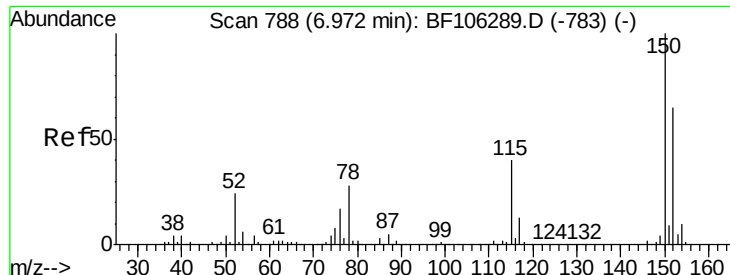
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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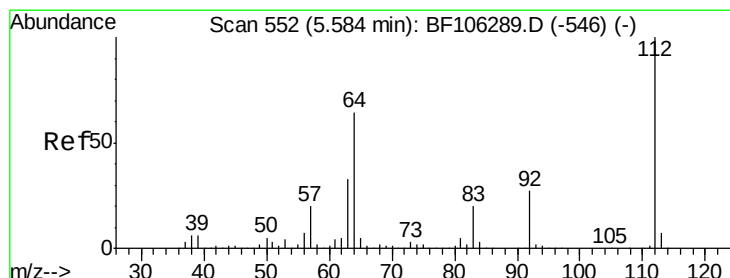
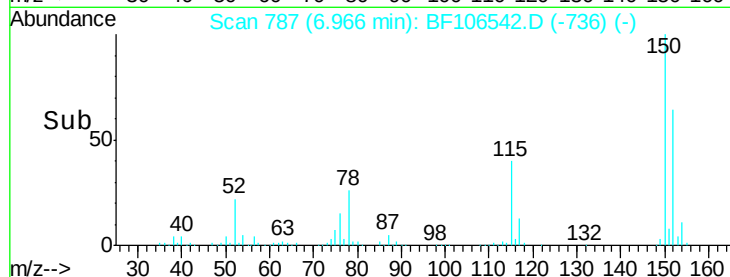
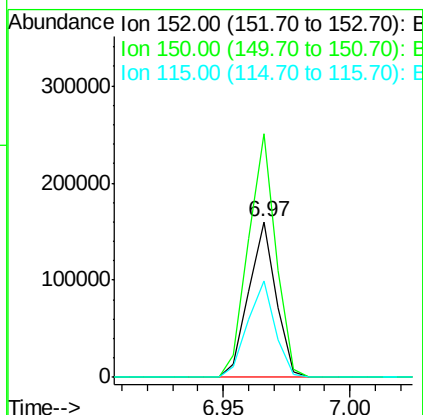
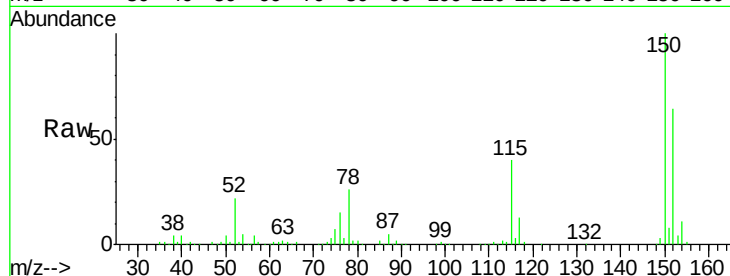


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106542.D
Acq: 18 Jun 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SB-56-COMP

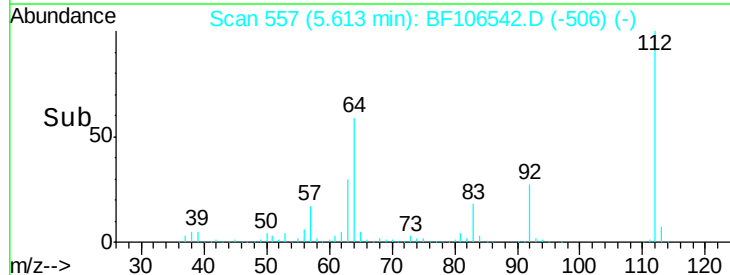
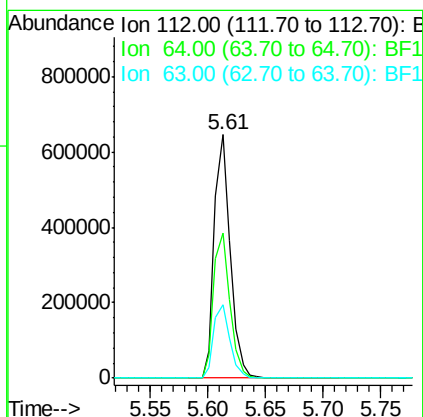
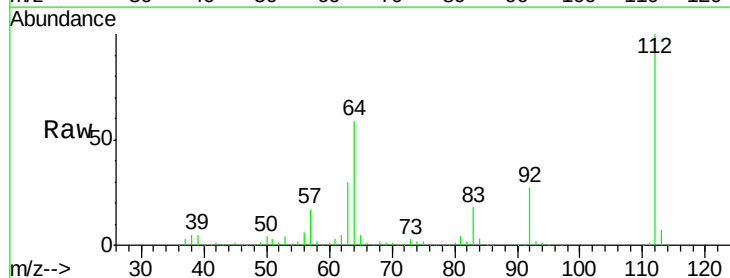
Tgt Ion:152 Resp: 120298
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 62.2 50.1 75.1

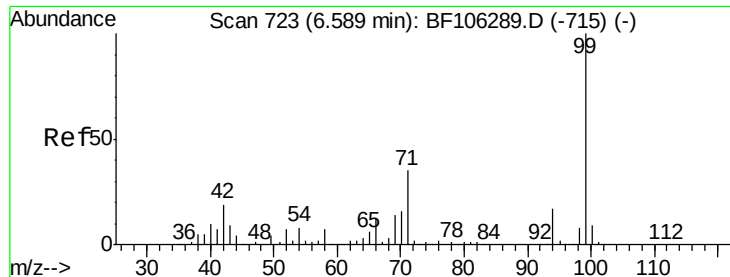


#5

2-Fluorophenol
Concen: 87.164 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106542.D
Acq: 18 Jun 2018 16:54

Tgt Ion:112 Resp: 619538
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 30.0 23.7 35.5





#7

Phenol-d6

Concen: 85.043 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106542.D

Acq: 18 Jun 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SB-56-COMP

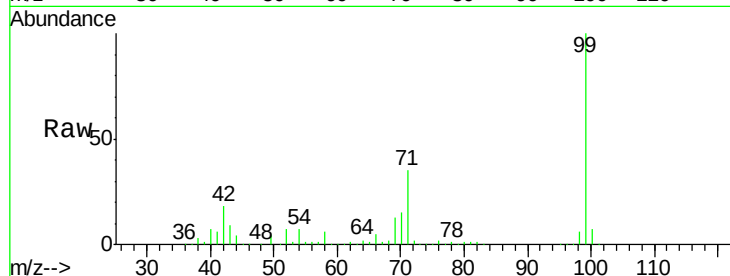
Tgt Ion: 99 Resp: 763684

Ion Ratio Lower Upper

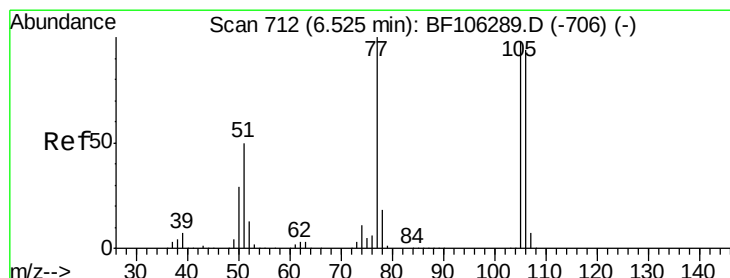
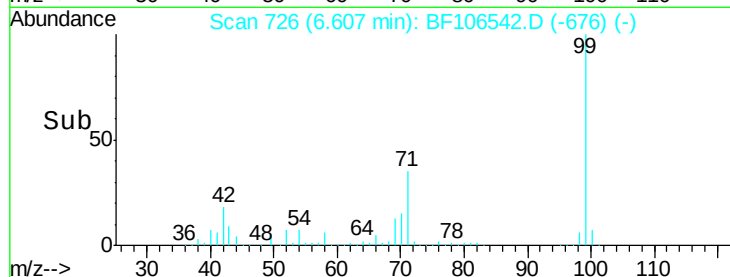
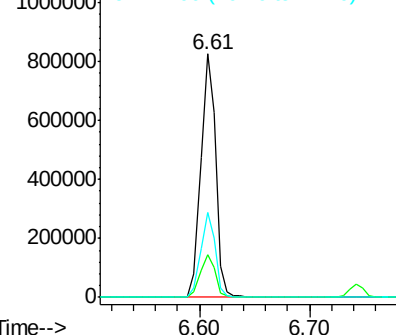
99 100

42 17.5 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: 2.068 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106542.D

Acq: 18 Jun 2018 16:54

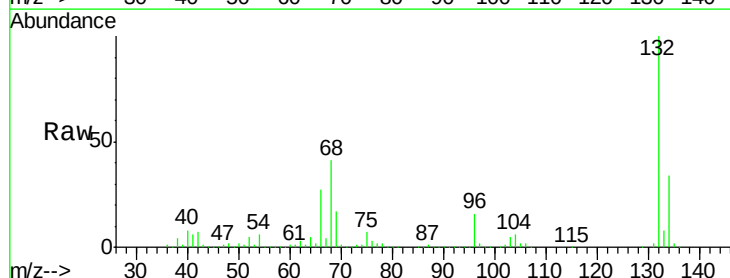
Tgt Ion: 77 Resp: 14089

Ion Ratio Lower Upper

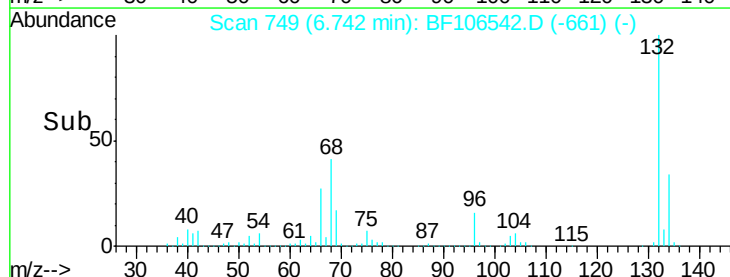
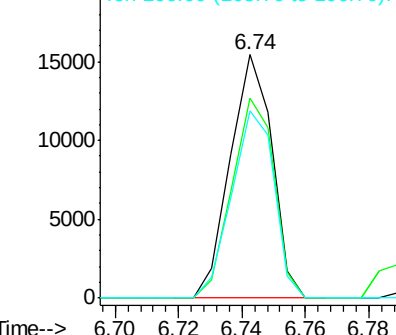
77 100

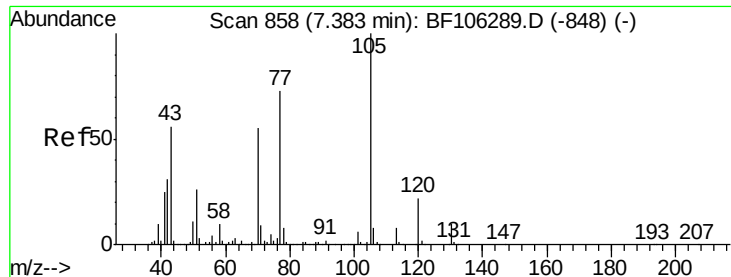
105 82.0 81.1 121.1

106 77.1 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

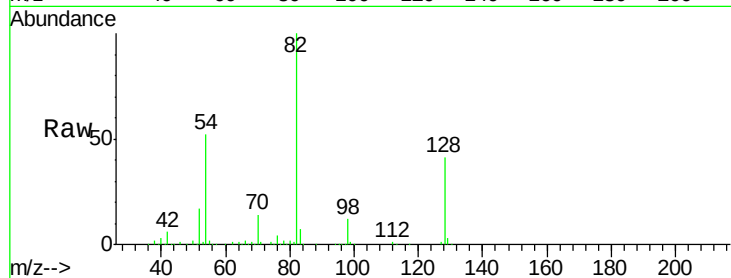




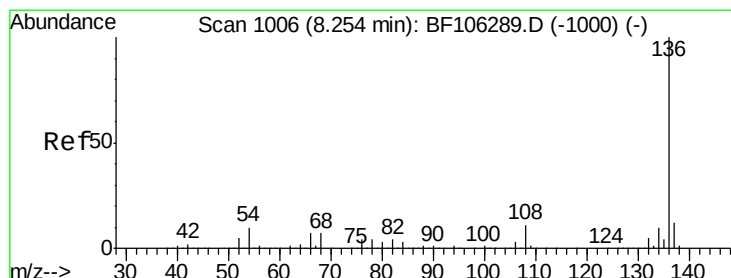
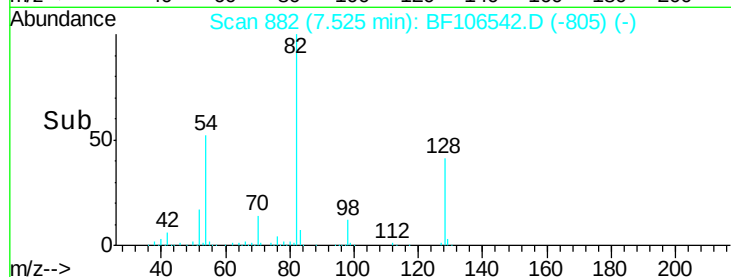
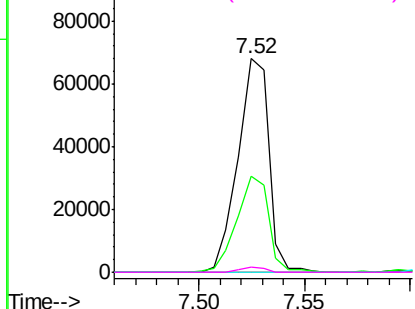
#19
n-Nitroso-di-n-propylamine
Concen: 10.283 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106542.D
Acq: 18 Jun 2018 16:54

Instrument :
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ClientSampleId :
SB-56-COMP

Tgt Ion: 70 Resp: 69276
Ion Ratio Lower Upper
70 100
42 45.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

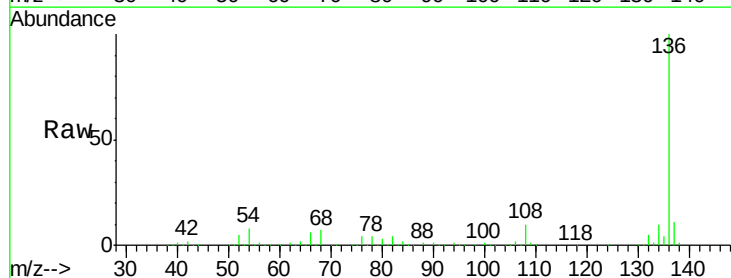


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

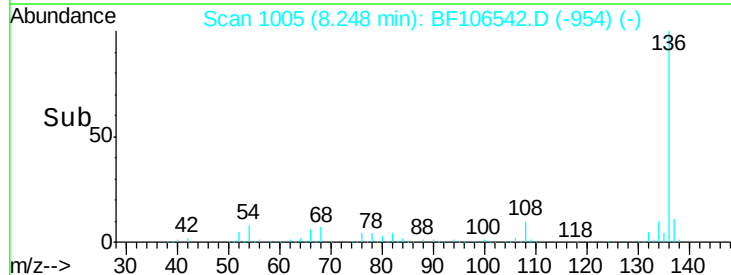
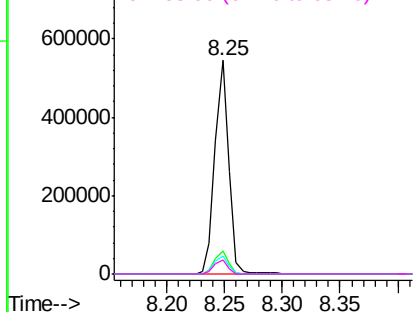


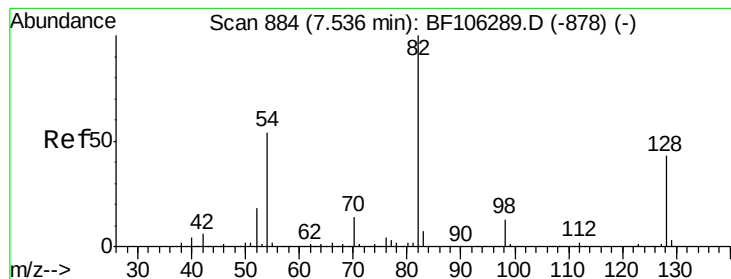
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF106542.D
Acq: 18 Jun 2018 16:54

Tgt Ion: 136 Resp: 452763
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.4 6.6 9.8
68 6.6 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: 65.850 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106542.D

Acq: 18 Jun 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SB-56-COMP

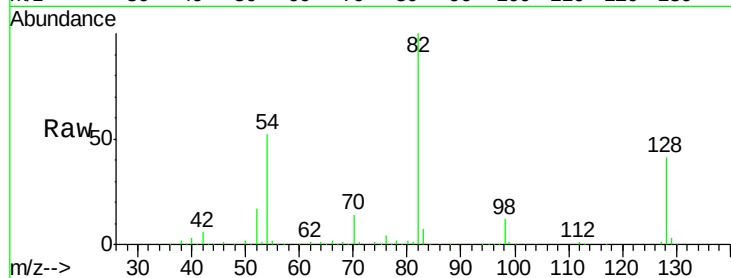
Tgt Ion: 82 Resp: 506806

Ion Ratio Lower Upper

82 100

128 41.0 36.1 54.1

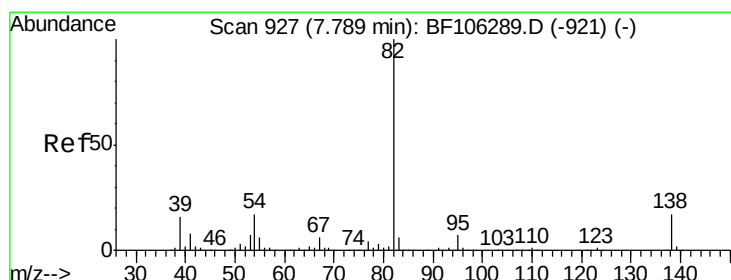
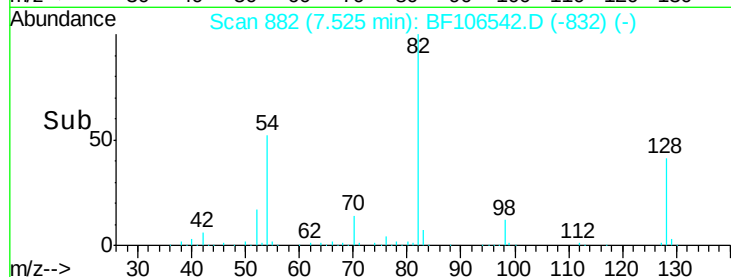
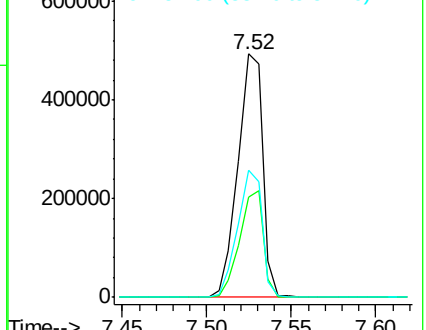
54 52.2 41.4 62.2



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: 33.713 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106542.D

Acq: 18 Jun 2018 16:54

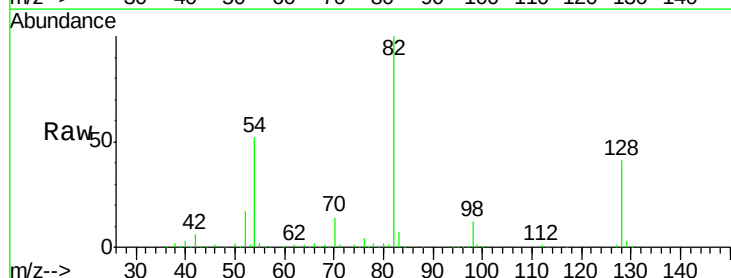
Tgt Ion: 82 Resp: 506792

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

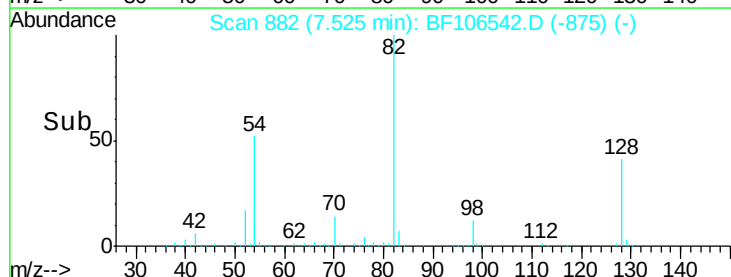
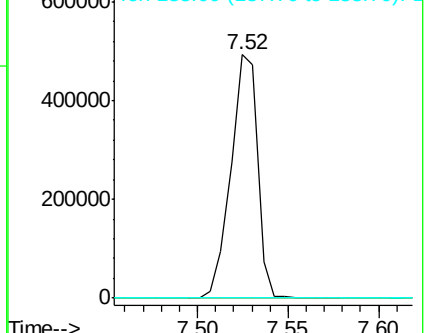
138 0.0 14.9 22.3#

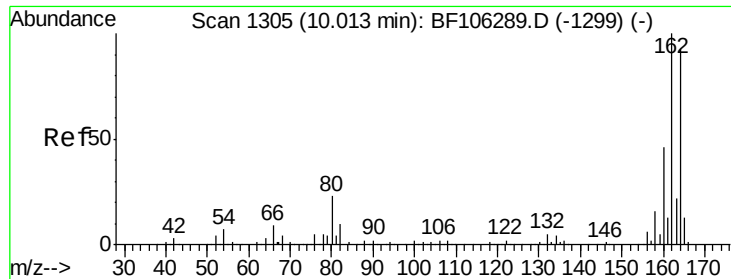


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF106542.D

Acq: 18 Jun 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SB-56-COMP

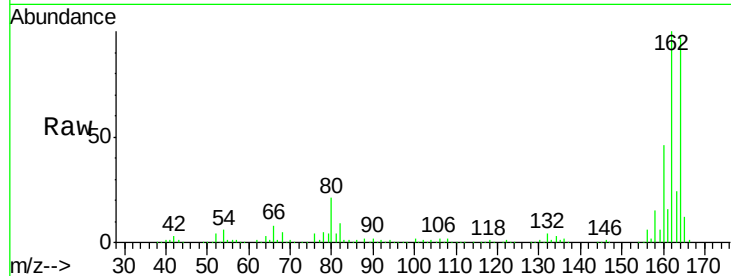
Tgt Ion:164 Resp: 200191

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

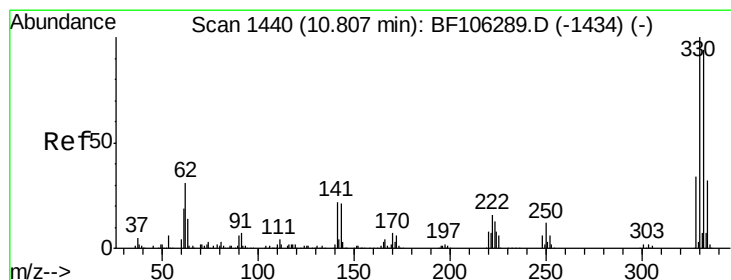
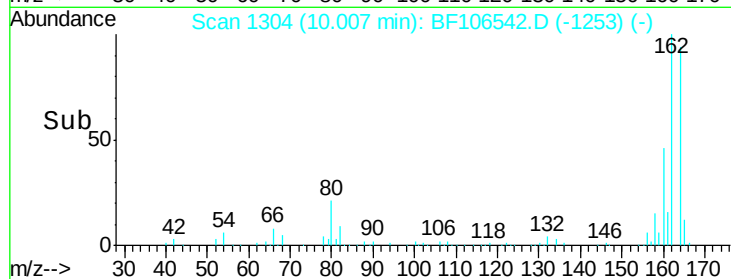
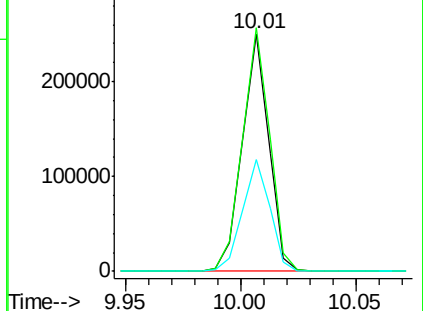
160 47.0 38.3 57.5



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: 87.879 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106542.D

Acq: 18 Jun 2018 16:54

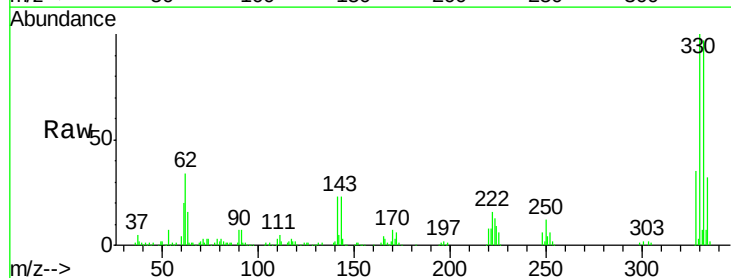
Tgt Ion:330 Resp: 169271

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

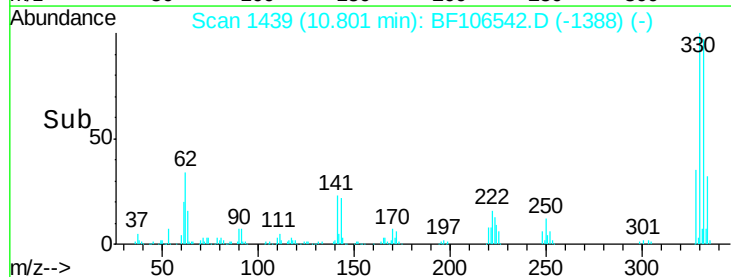
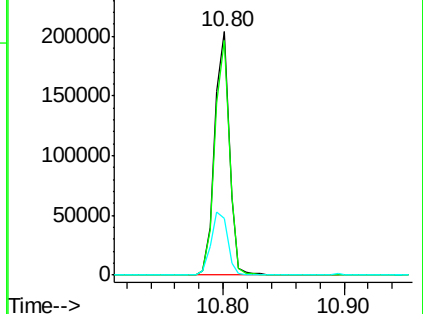
141 29.4 29.9 44.9#

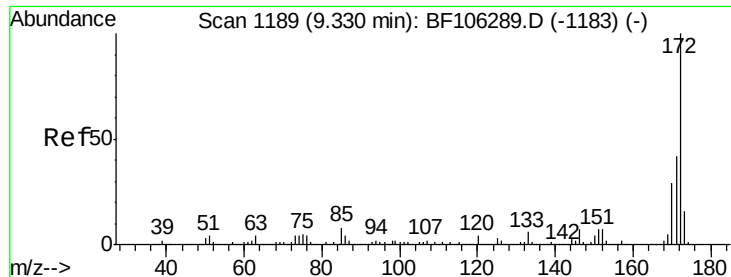


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

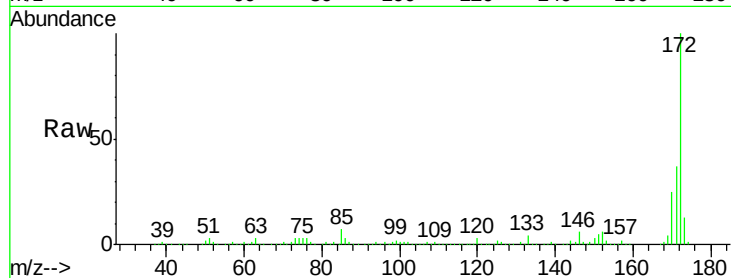




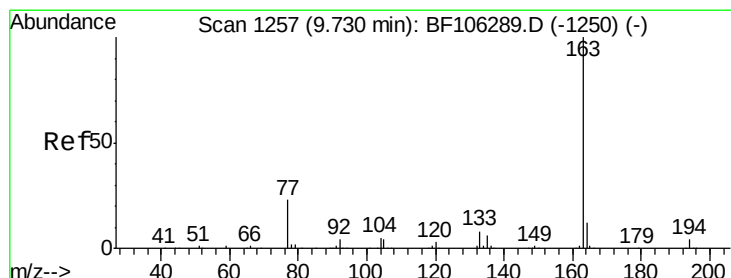
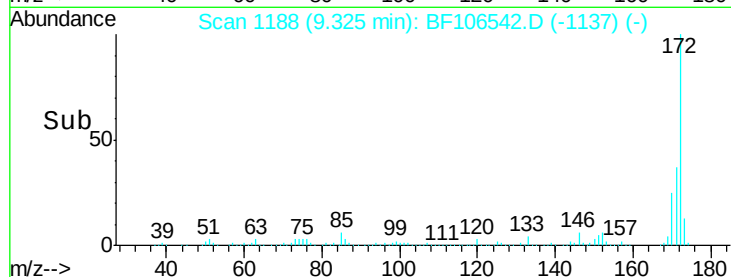
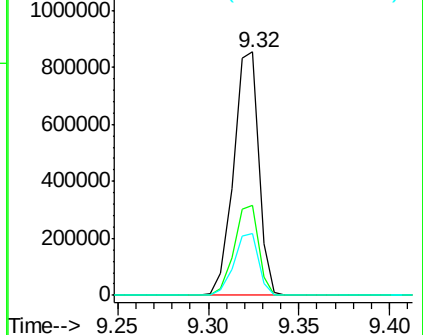
#44
 2-Fluorobiphenyl
 Concen: 68.979 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106542.D
 Acq: 18 Jun 2018 16:54

Instrument :
 BNA_F
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Tgt Ion:172 Resp: 827502
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 25.2 19.6 29.4

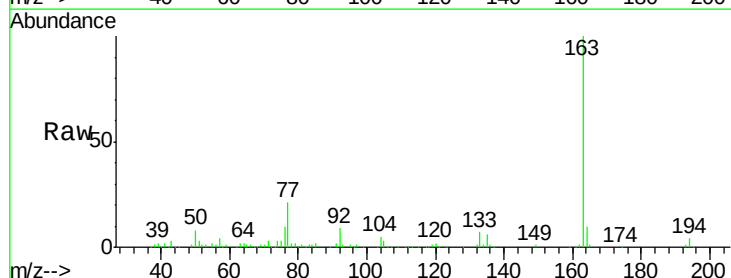


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

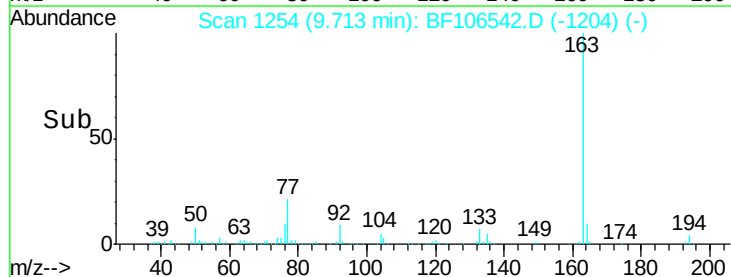
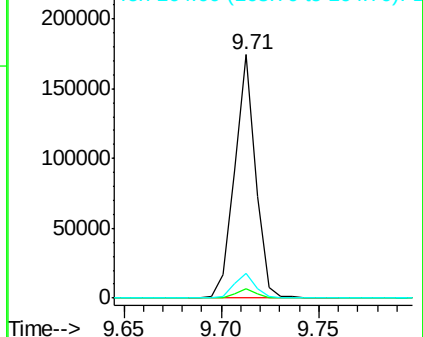


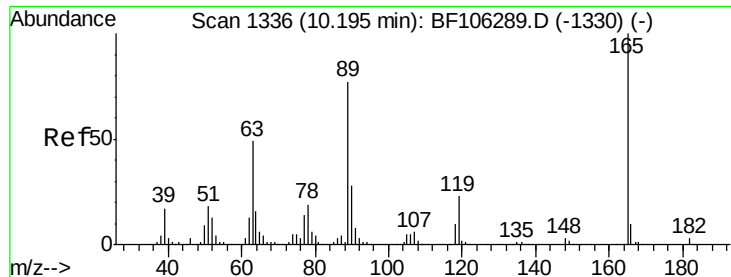
#49
 Dimethylphthalate
 Concen: 9.059 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106542.D
 Acq: 18 Jun 2018 16:54

Tgt Ion:163 Resp: 129568
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.3 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

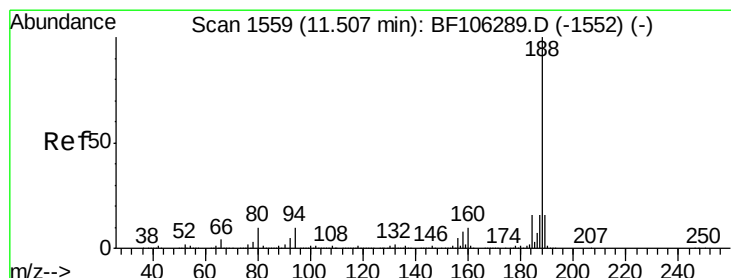
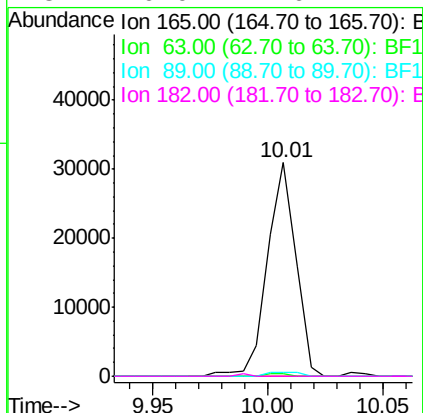
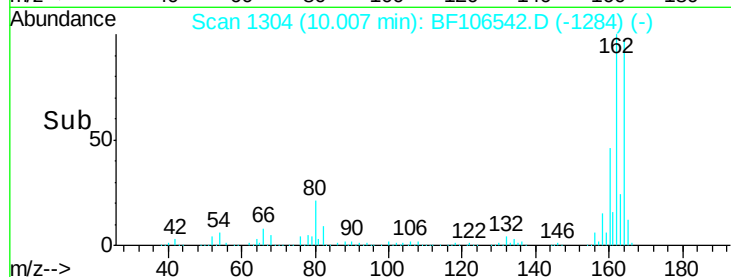
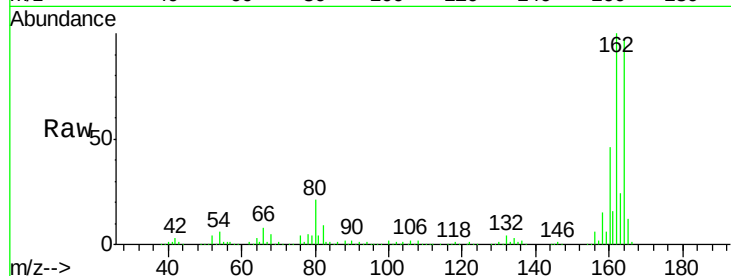




#56
2,4-Dinitrotoluene
Concen: 7.225 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106542.D
Acq: 18 Jun 2018 16:54

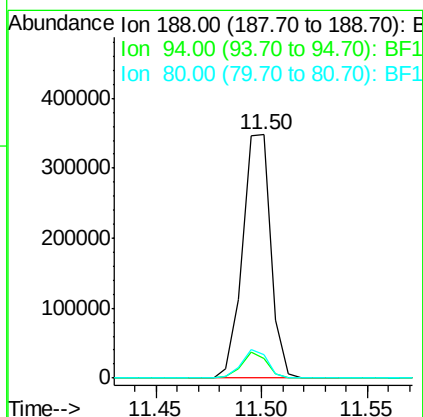
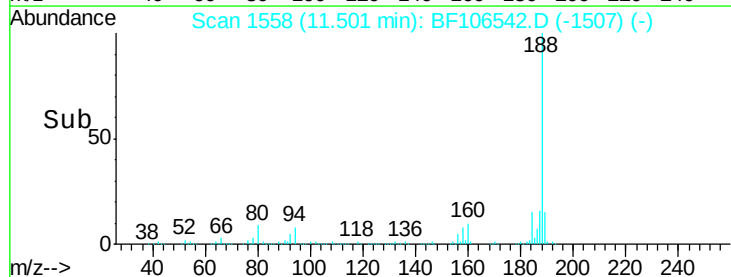
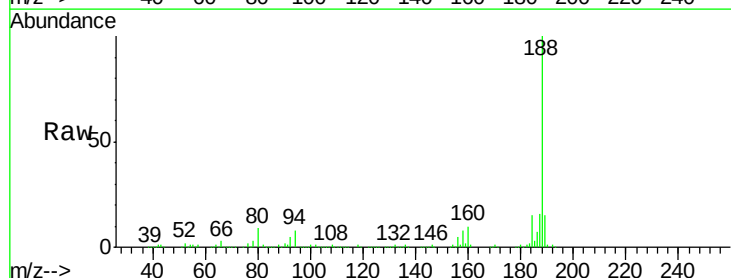
Instrument :
BNA_F
ClientSampleId :
SB-56-COMP

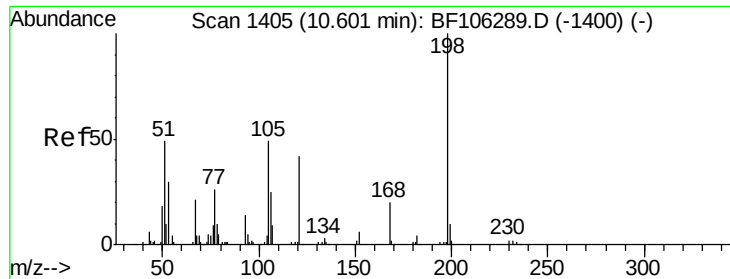
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106542.D
Acq: 18 Jun 2018 16:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.5	9.2	13.8

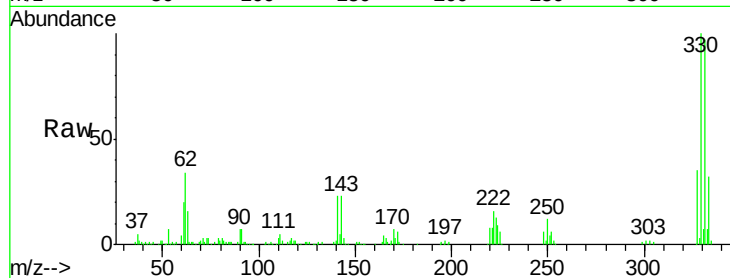




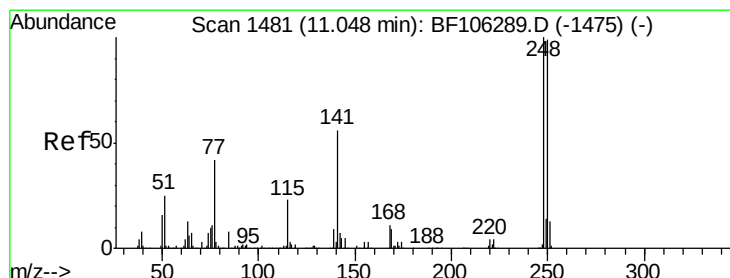
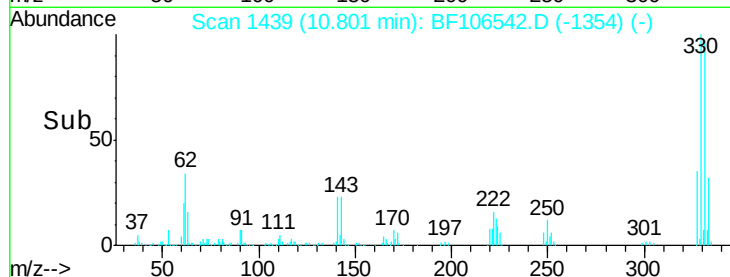
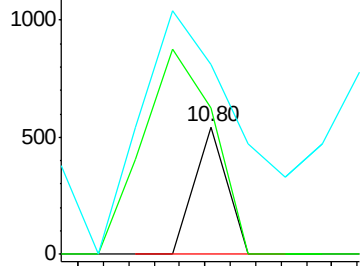
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.391 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106542.D
 Acq: 18 Jun 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-56-COMP

Tgt Ion:198 Resp: 192
 Ion Ratio Lower Upper
 198 100
 51 114.3 37.7 77.7#
 105 148.6 36.3 76.3#

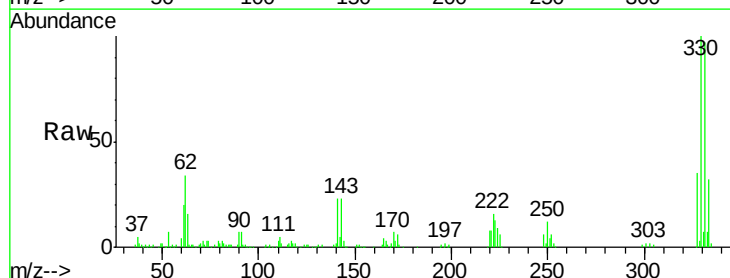


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

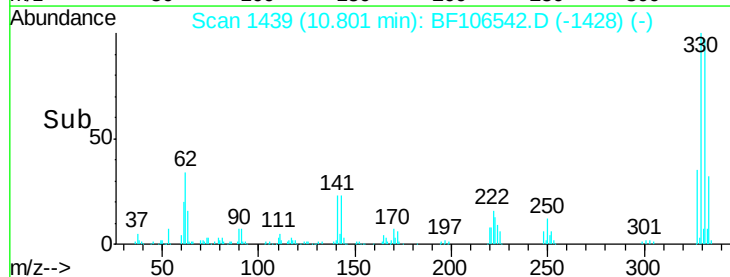
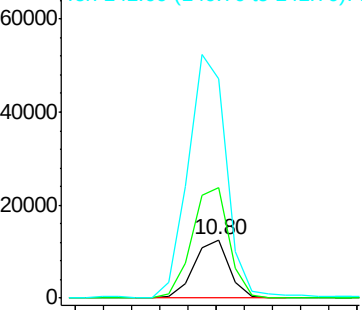


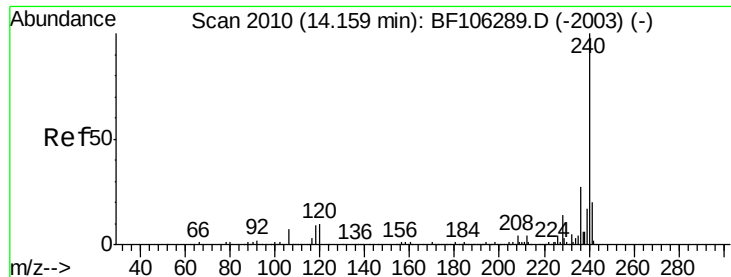
#66
 4-Bromophenyl-phenylether
 Concen: 2.976 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106542.D
 Acq: 18 Jun 2018 16:54

Tgt Ion:248 Resp: 10889
 Ion Ratio Lower Upper
 248 100
 250 189.3 76.9 115.3#
 141 378.0 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: BF106542.D

Acq: 18 Jun 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SB-56-COMP

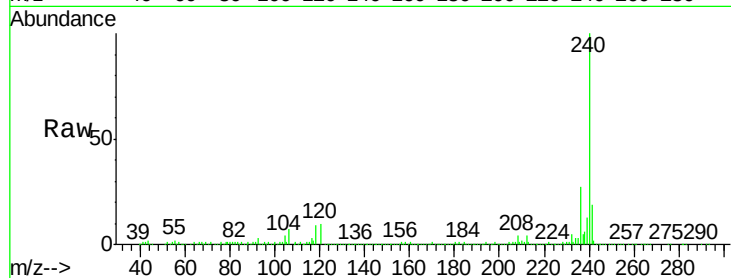
Tgt Ion:240 Resp: 311184

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

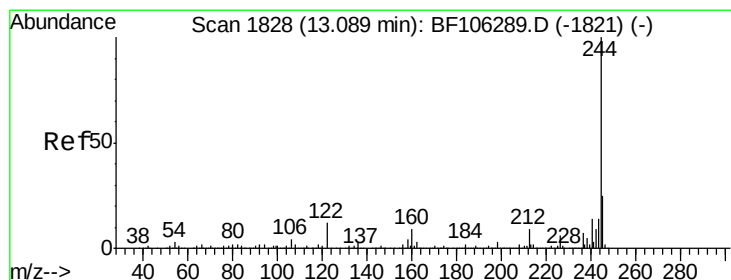
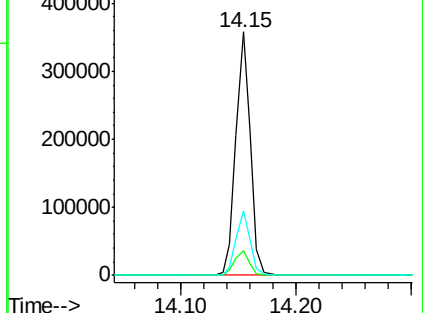
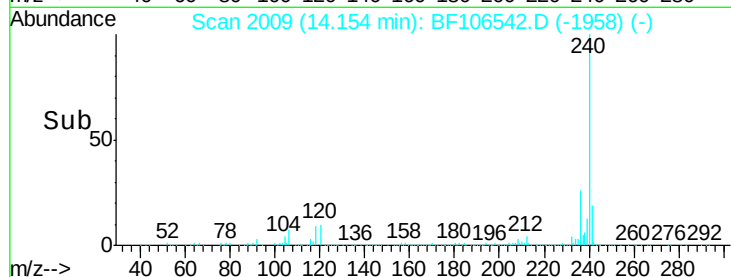
236 26.5 20.7 31.1



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: 55.008 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106542.D

Acq: 18 Jun 2018 16:54

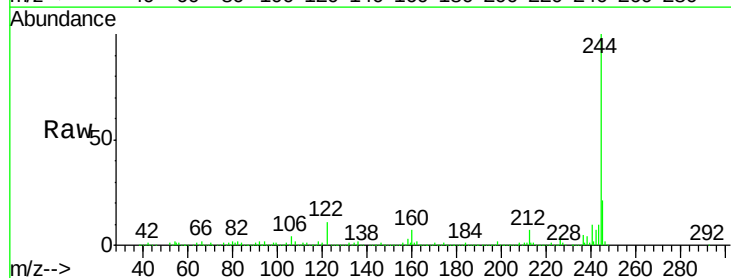
Tgt Ion:244 Resp: 689176

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

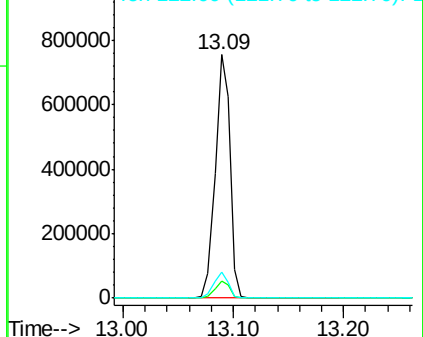
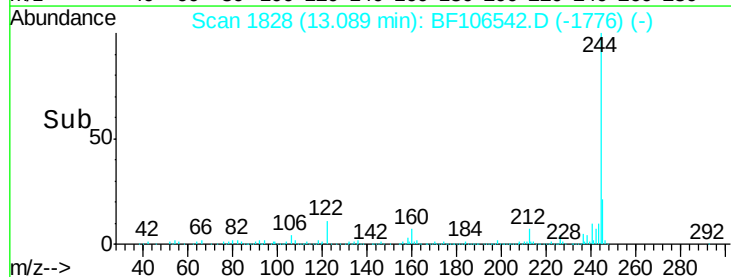
122 10.7 11.0 16.4#

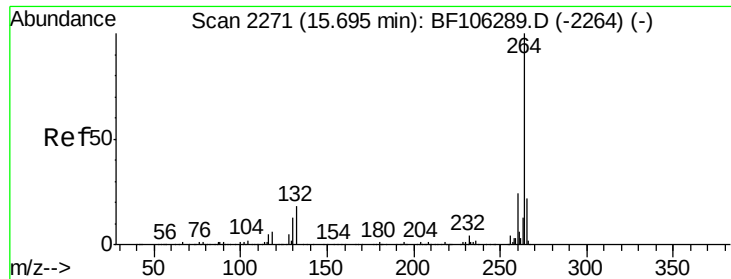


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.70 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF106542.D
Acq: 18 Jun 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SB-56-COMP

Tgt Ion: 264 Resp: 296149
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.1 17.5 26.3

