

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106564.D
 Acq On : 19 Jun 2018 3:43
 Operator : JU/SJ
 Sample : J3563-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 08:26:40 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

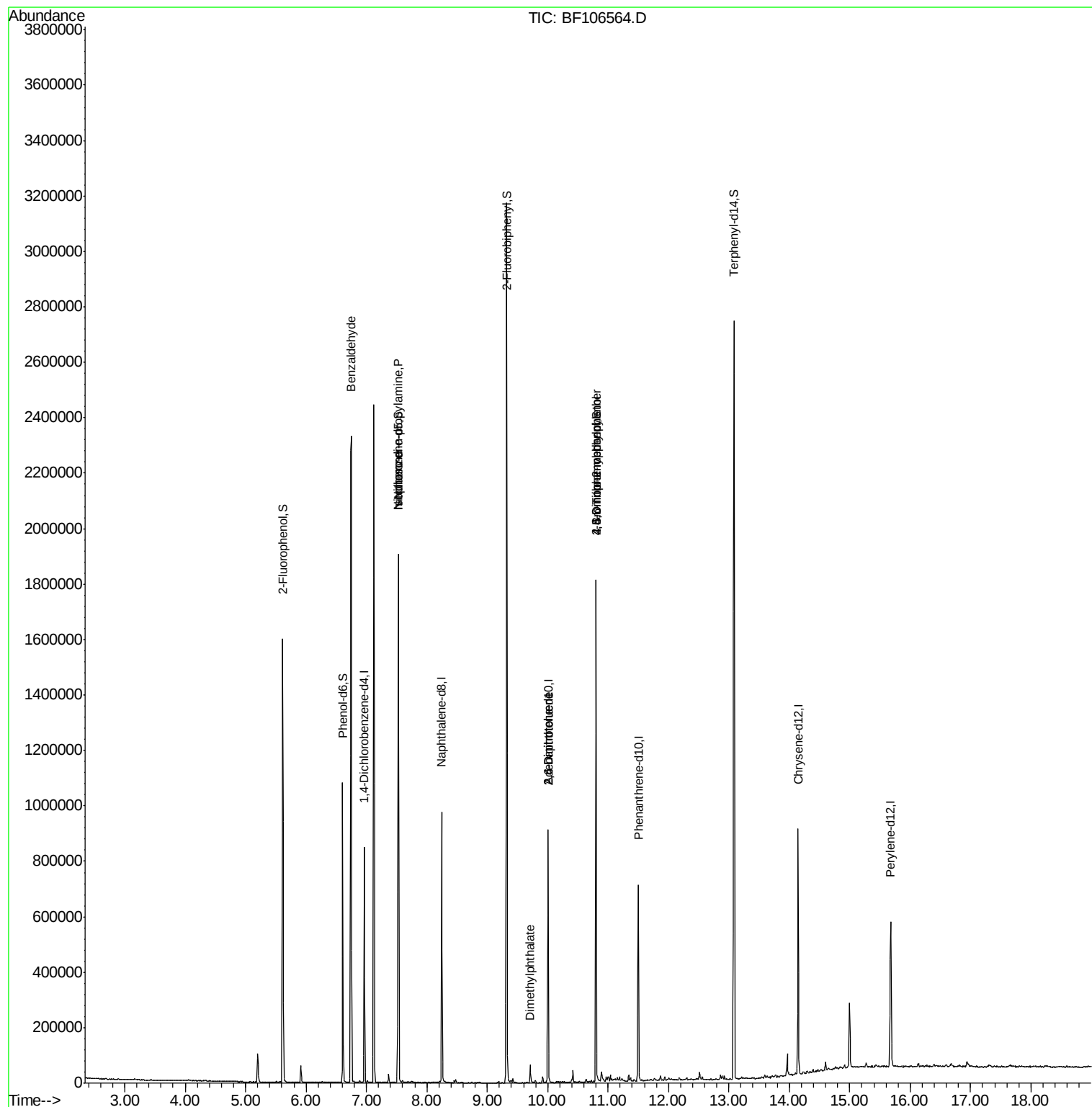
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	109716	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	399641	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	169673	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	274804	20.00	ng	0.00
75) Chrysene-d12	14.15	240	298104	20.00	ng	0.00
86) Perylene-d12	15.68	264	267458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	399989	61.70	ng	0.00
7) Phenol-d6	6.61	99	304153	37.14	ng	0.00
23) Nitrobenzene-d5	7.53	82	684905	100.82	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	236412	144.81	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1068367	132.35	ng	0.00
78) Terphenyl-d14	13.08	244	1059895	88.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	15416	2.482	ng	# 75
19) n-Nitroso-di-n-propylamine	7.53	70	92953	15.128	ng	# 74
25) Isophorone	7.53	82	685025	51.626	ng	# 64
49) Dimethylphthalate	9.71	163	25017	2.064	ng	# 99
50) 2,6-Dinitrotoluene	10.01	165	21316	8.608	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	21316	6.855	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	522	6.601	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	15248	4.878	ng	# 1

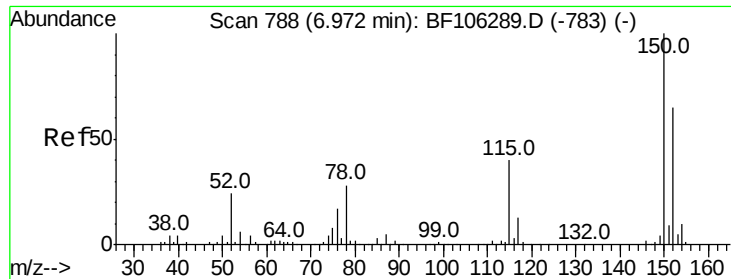
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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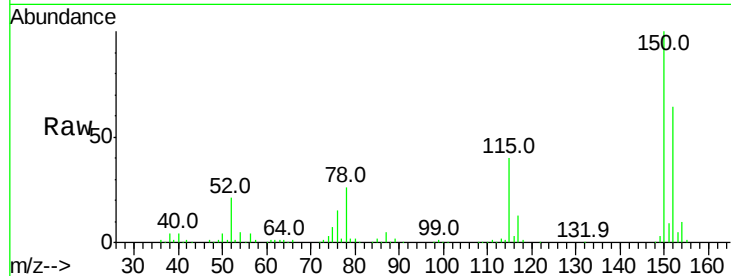


#1

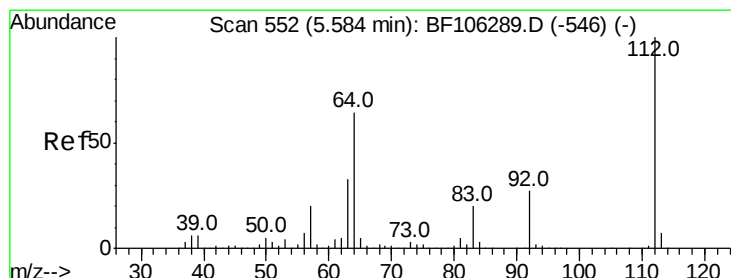
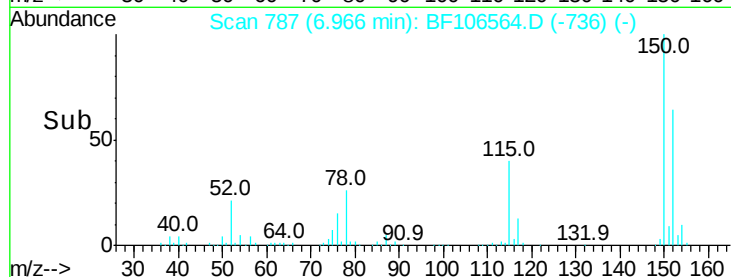
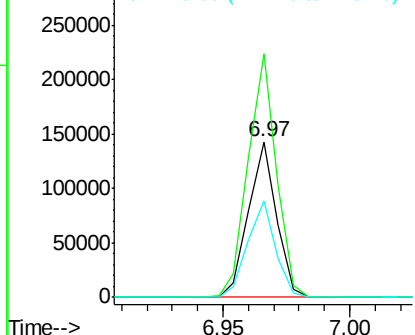
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 109716
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 61.9 50.1 75.1



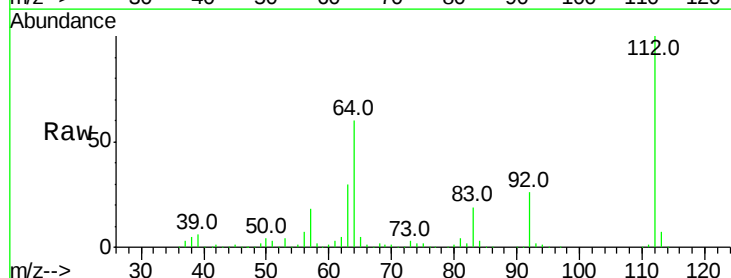
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



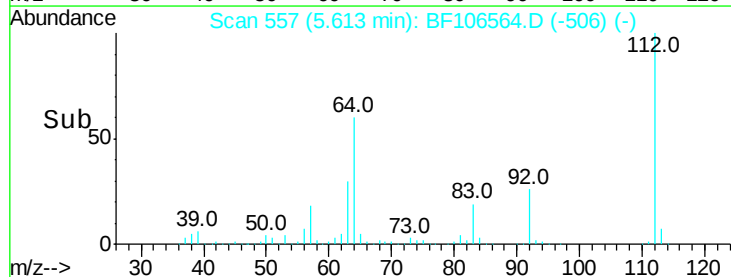
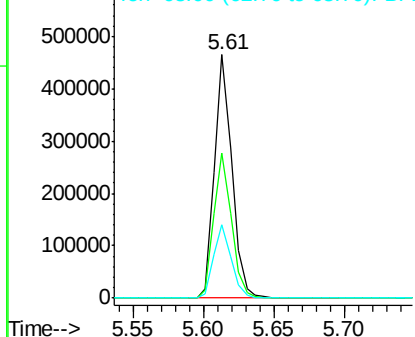
#5

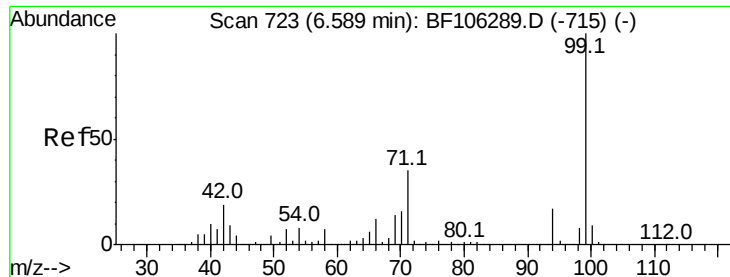
2-Fluorophenol
Concen: 61.703 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Tgt Ion:112 Resp: 399989
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 30.2 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: 37.137 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106564.D

Acq: 19 Jun 2018 3:43

Instrument :

BNA_F

ClientSampleId :

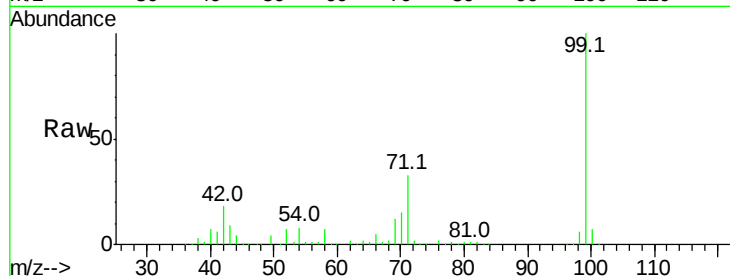
Tot Ion: 99 Resp: 304153

Ion Ratio Lower Upper

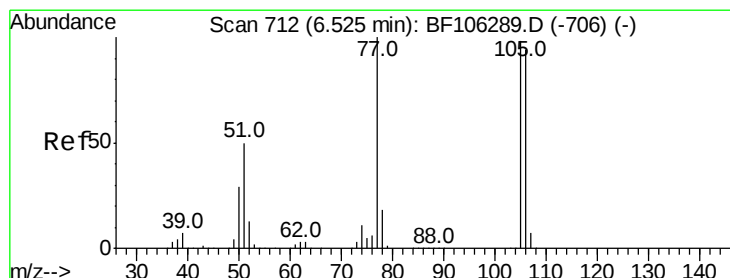
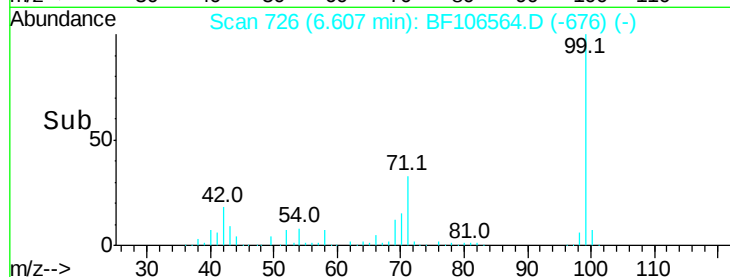
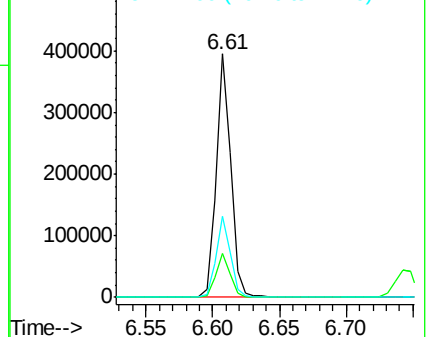
99 100

42 17.9 14.5 21.7

71 33.2 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: 2.482 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106564.D

Acq: 19 Jun 2018 3:43

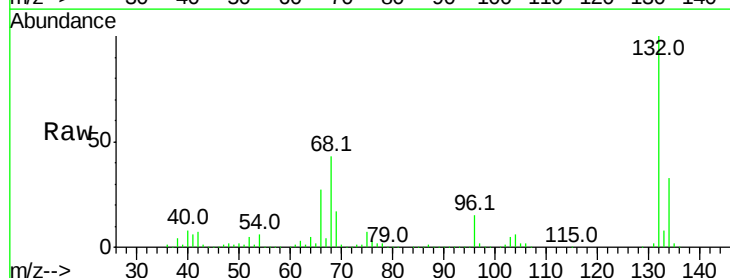
Tgt Ion: 77 Resp: 15416

Ion Ratio Lower Upper

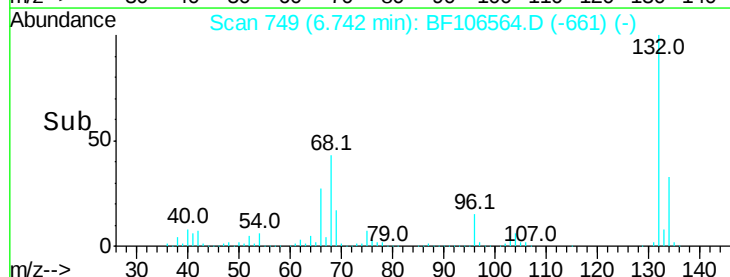
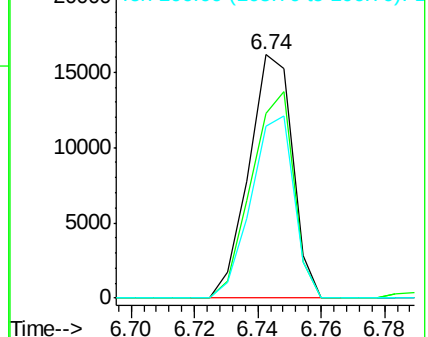
77 100

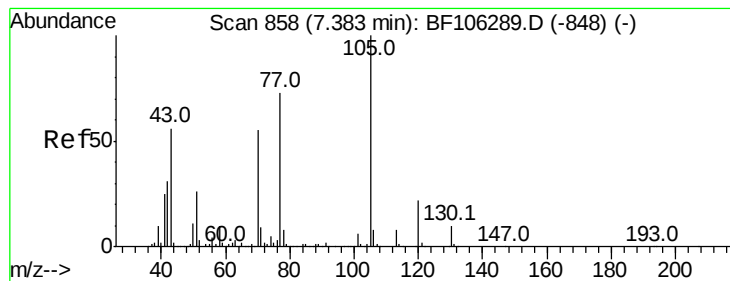
105 75.7 81.1 121.1#

106 70.4 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 15.128 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106564.D

Acq: 19 Jun 2018 3:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 92953

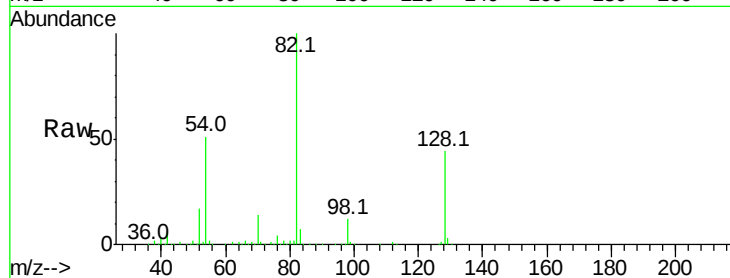
Ion Ratio Lower Upper

70 100

42 43.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



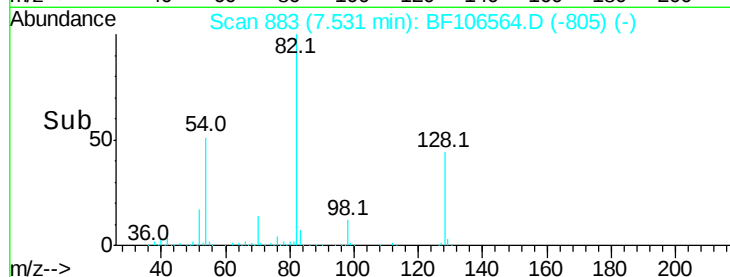
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

Time-->



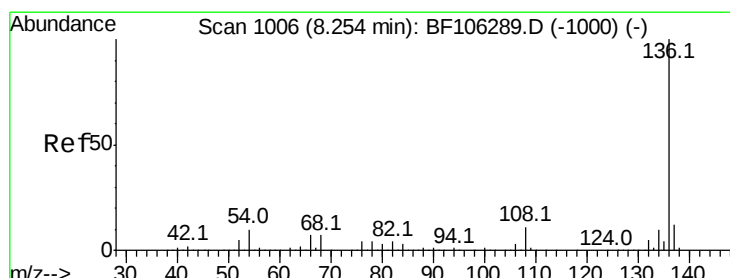
Abundance

100000

50000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106564.D

Acq: 19 Jun 2018 3:43

Tgt Ion: 136 Resp: 399641

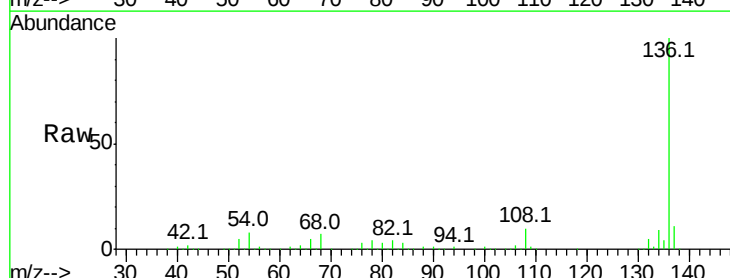
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 6.6 9.8

68 6.7 5.0 7.4



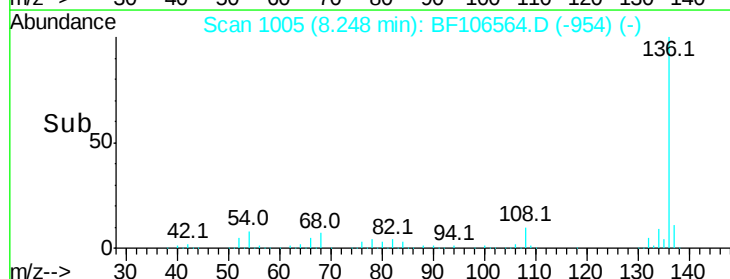
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->



Abundance

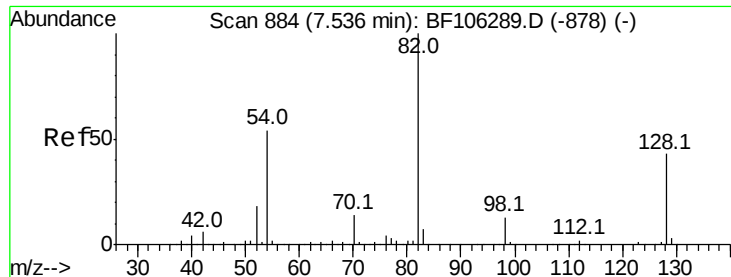
600000

400000

200000

0

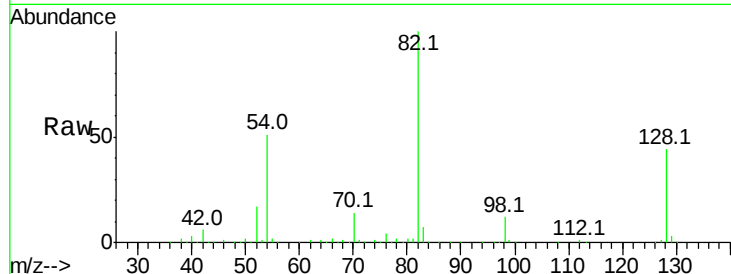
Time-->



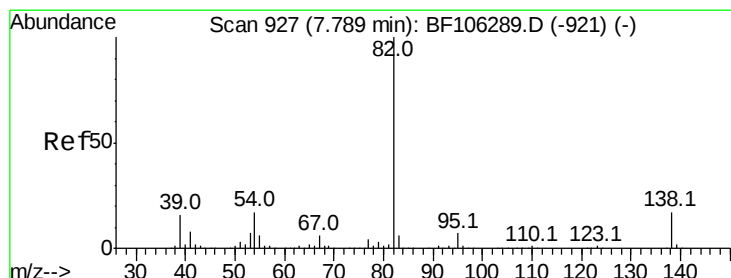
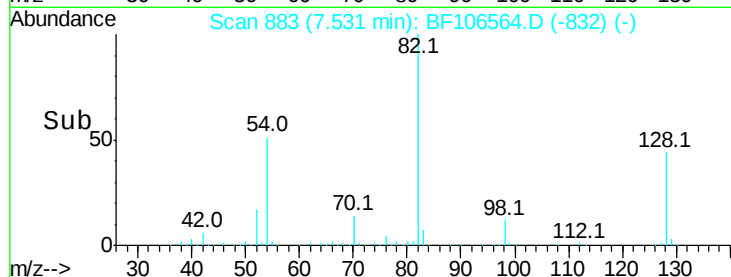
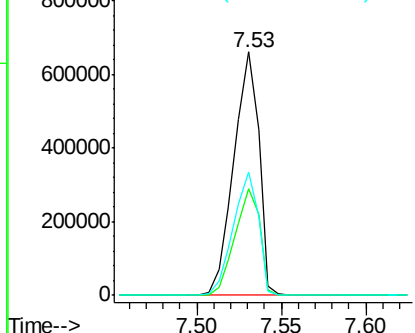
#23
Nitrobenzene-d5
Concen: 100.820 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	684905
Ion Ratio	Lower	Upper	
82	100		
128	44.0	36.1	54.1
54	50.7	41.4	62.2

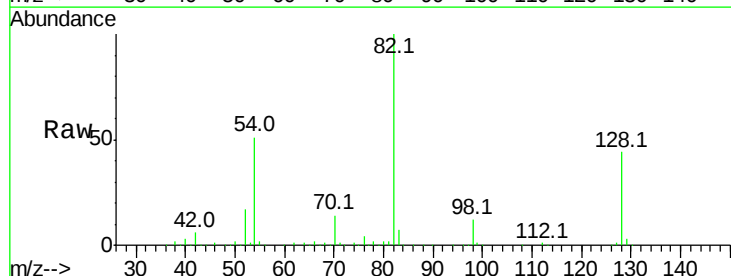


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

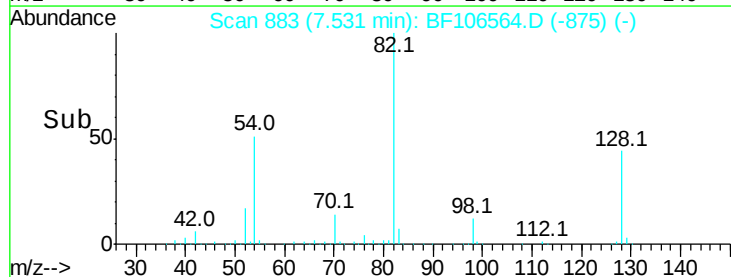
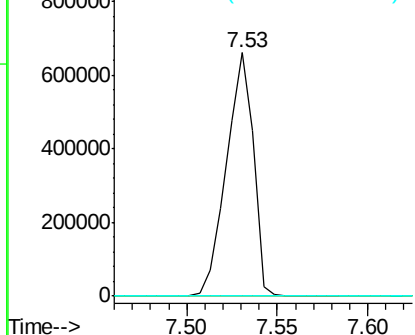


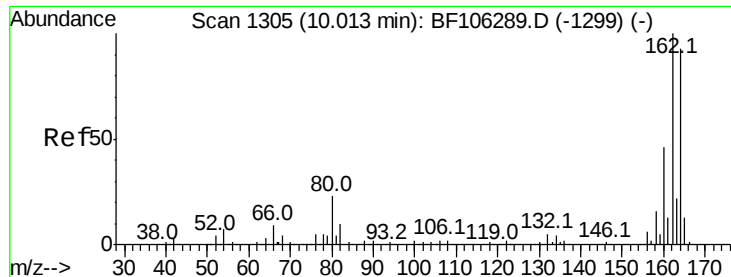
#25
Isophorone
Concen: 51.626 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Tgt Ion	82	Resp	685025
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

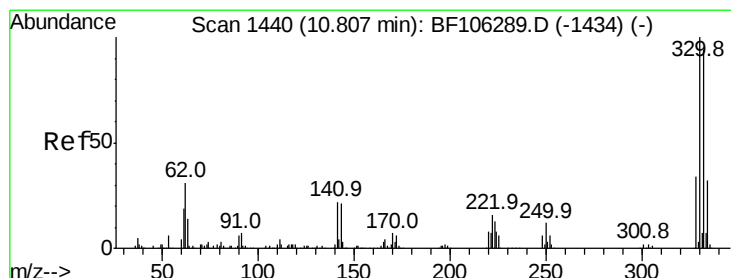
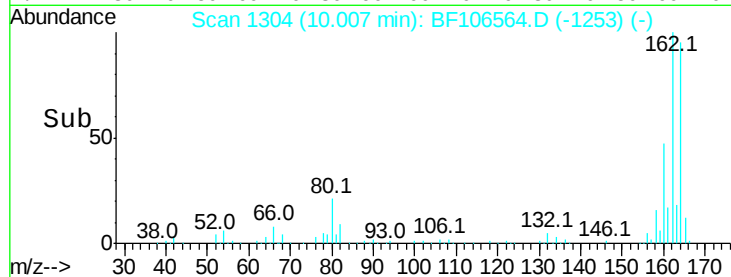
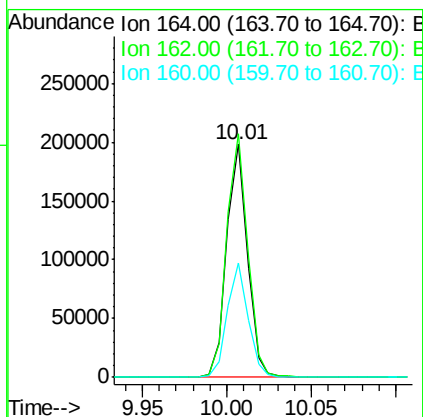
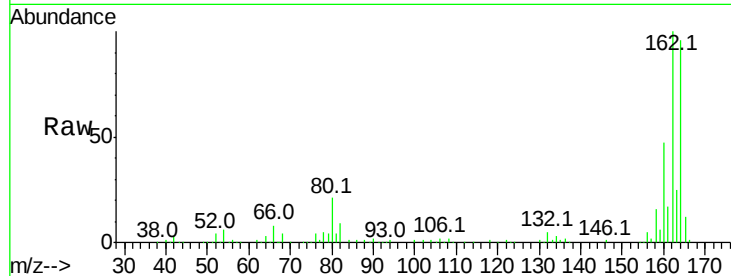




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF106564.D
 Acq: 19 Jun 2018 3:43

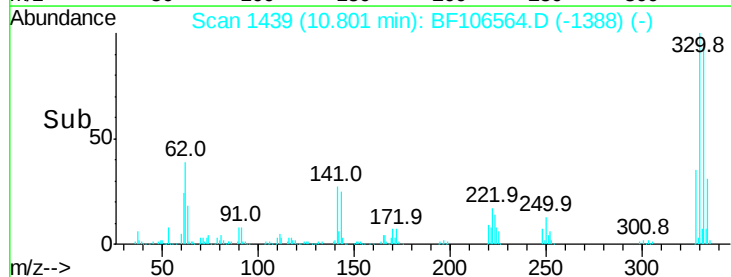
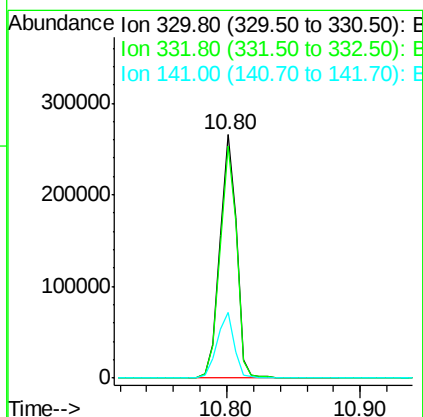
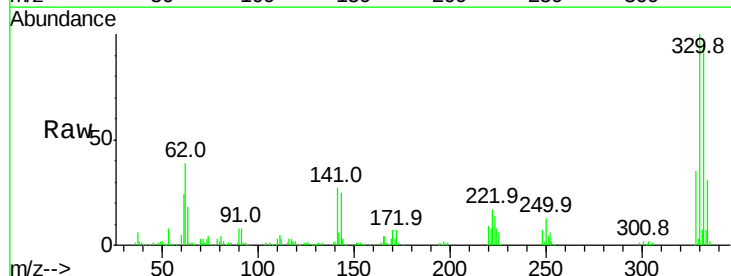
Instrument :
 BNA_F
 ClientSampleId :

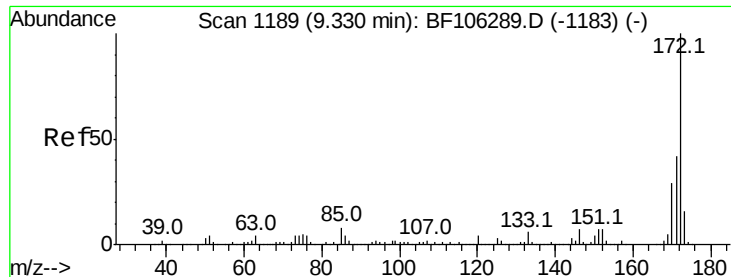
Tot Ion:164 Resp: 169673
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 48.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 144.812 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106564.D
 Acq: 19 Jun 2018 3:43

Tgt Ion:330 Resp: 236412
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 27.4 29.9 44.9#

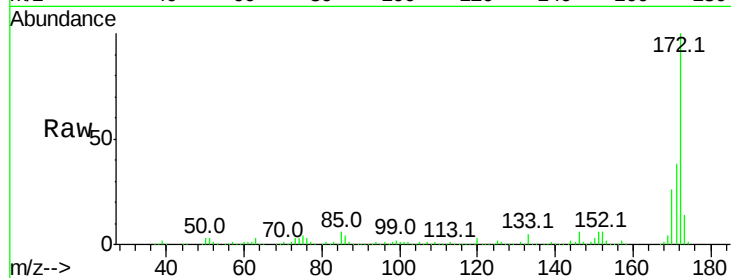




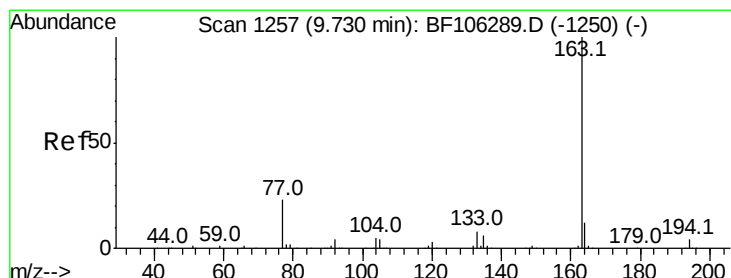
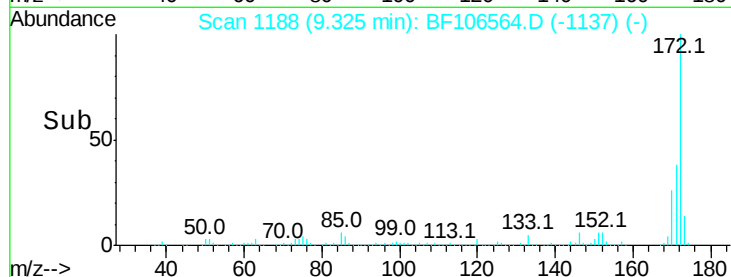
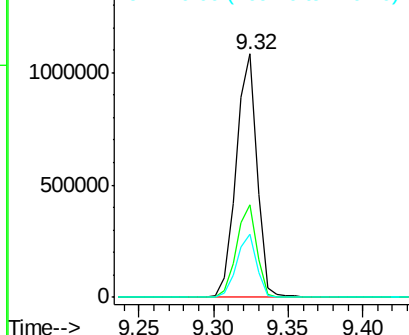
#44
2-Fluorobiphenyl
Concen: 132.347 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1068367
Ion Ratio Lower Upper
172 100
171 38.2 29.7 44.5
170 25.9 19.6 29.4

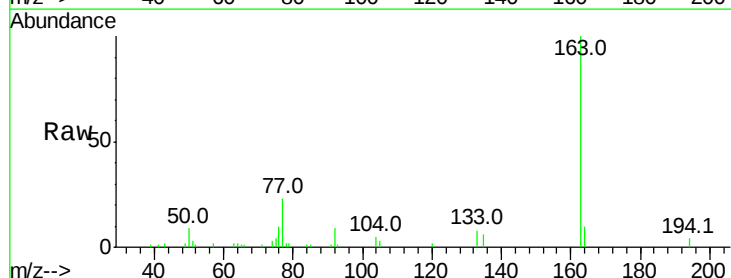


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

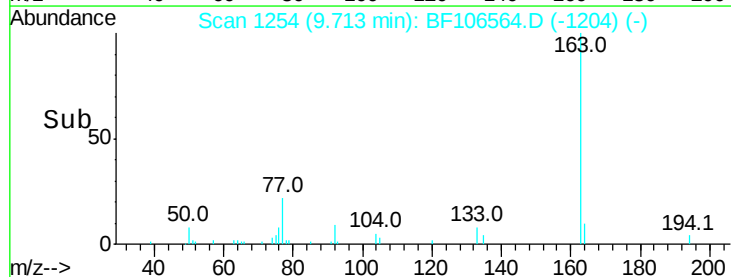
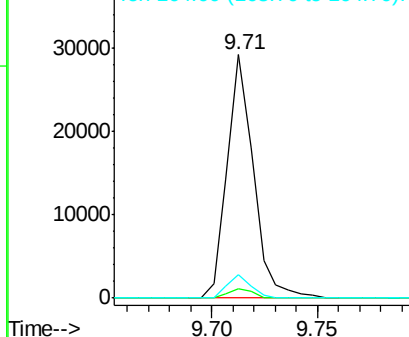


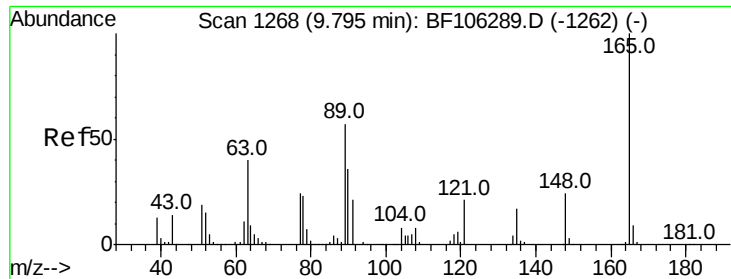
#49
Dimethylphthalate
Concen: 2.064 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106564.D
Acq: 19 Jun 2018 3:43

Tgt Ion:163 Resp: 25017
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.7 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

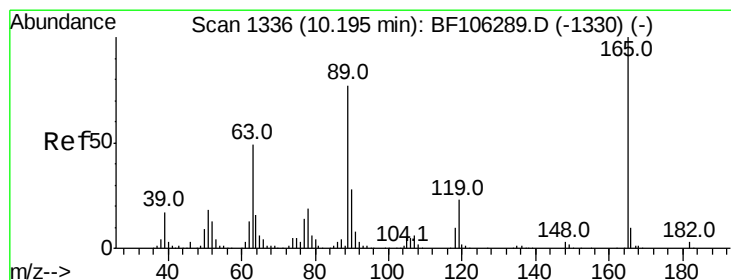
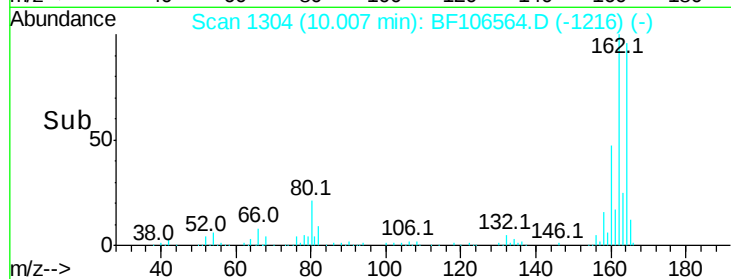
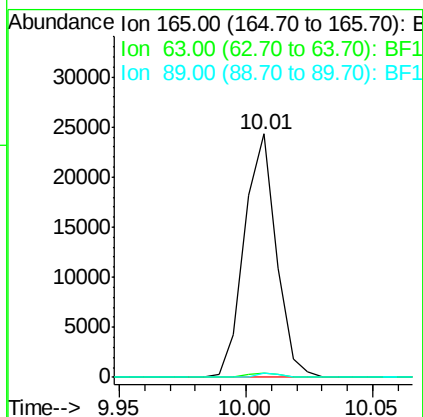
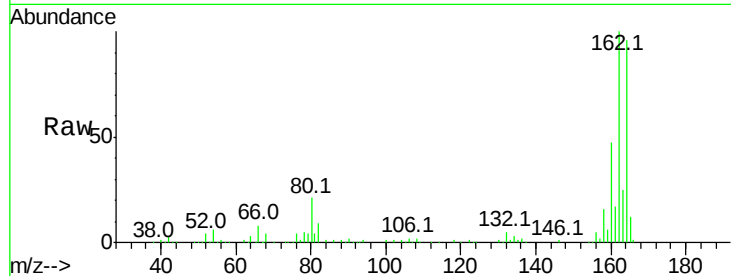




#50
 2,6-Dinitrotoluene
 Concen: 8.608 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.22 min
 Lab File: BF106564.D
 Acq: 19 Jun 2018 3:43

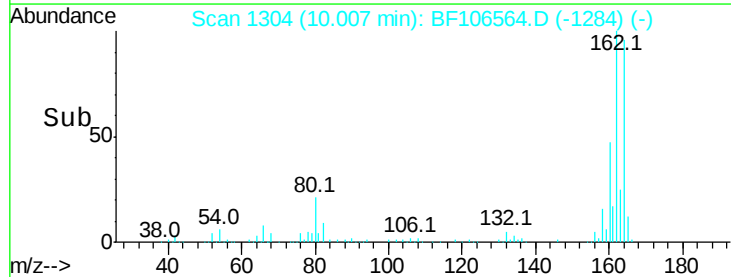
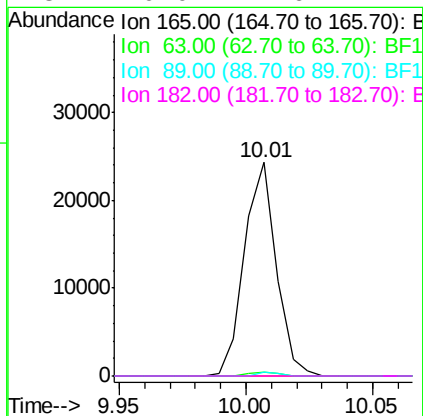
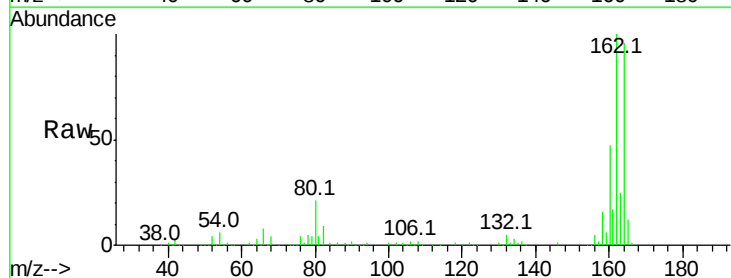
Instrument :
 BNA_F
 ClientSampleId :

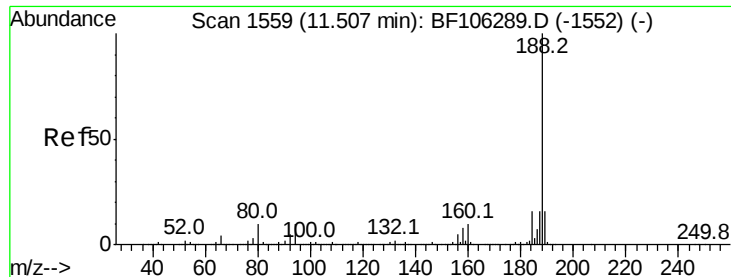
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	2.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.855 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.18 min
 Lab File: BF106564.D
 Acq: 19 Jun 2018 3:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	2.0	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: BF106564.D

Acq: 19 Jun 2018 3:43

Instrument :

BNA_F

ClientSampleId :

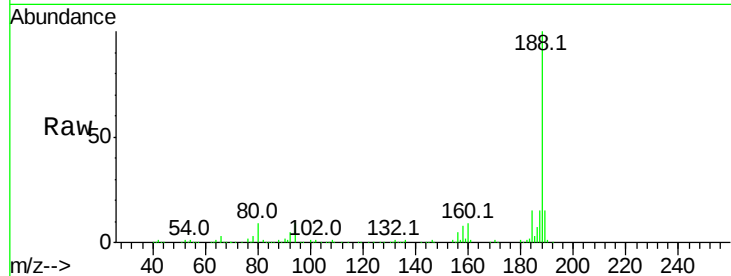
Tot Ion:188 Resp: 274804

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

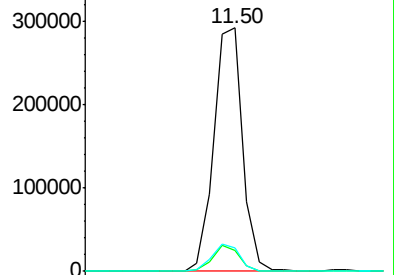
80 9.4 9.2 13.8



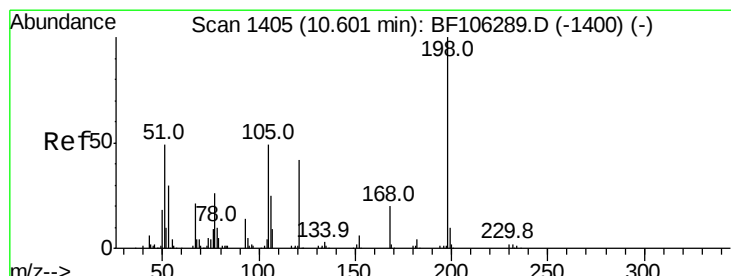
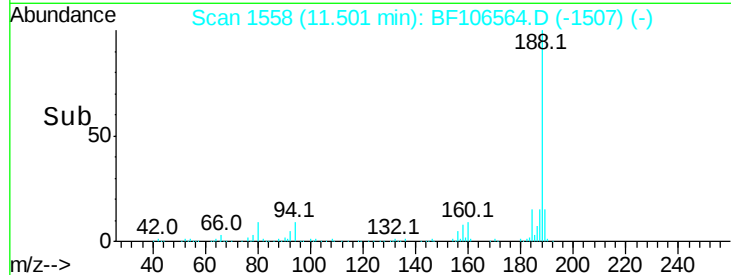
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 6.601 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106564.D

Acq: 19 Jun 2018 3:43

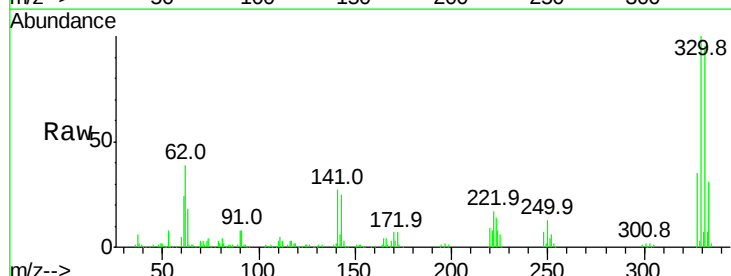
Tgt Ion:198 Resp: 522

Ion Ratio Lower Upper

198 100

51 137.5 37.7 77.7#

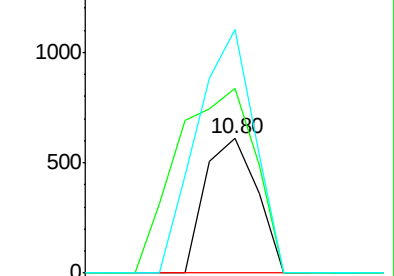
105 180.8 36.3 76.3#



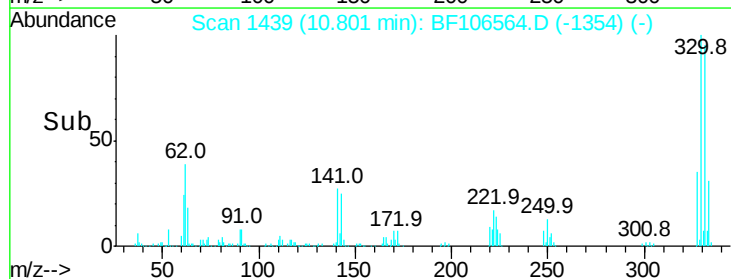
Abundance Ion 198.00 (197.70 to 198.70): E

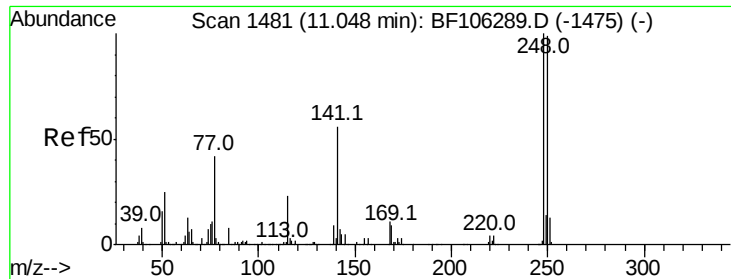
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->

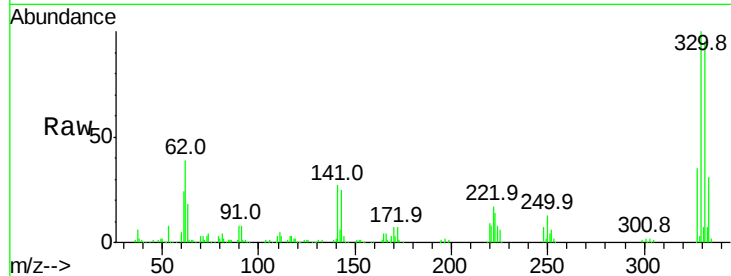




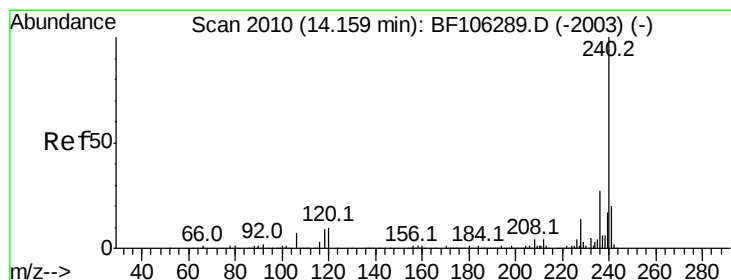
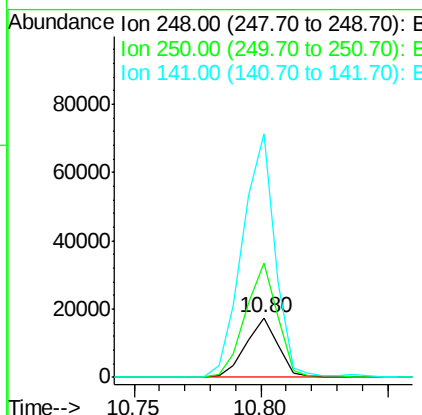
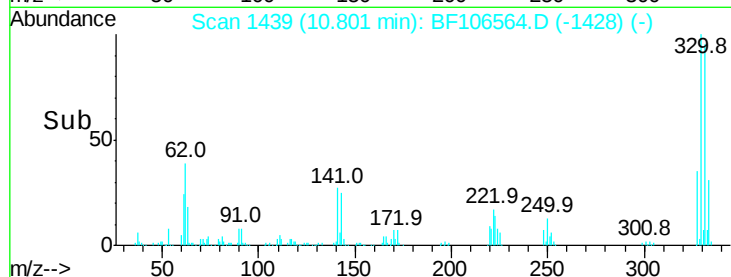
#66
 4-Bromophenyl-phenylether
 Concen: 4.878 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106564.D
 Acq: 19 Jun 2018 3:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 15248
 Ion Ratio Lower Upper
 248 100
 250 192.6 76.9 115.3#
 141 409.3 74.4 111.6#

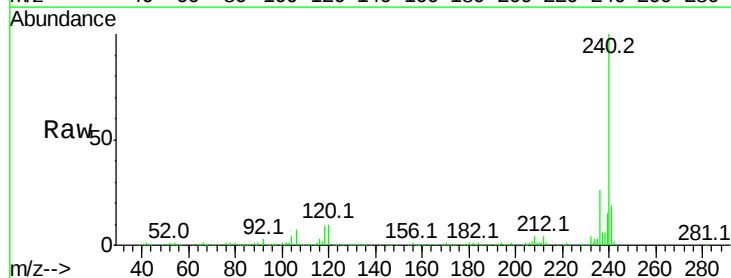


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

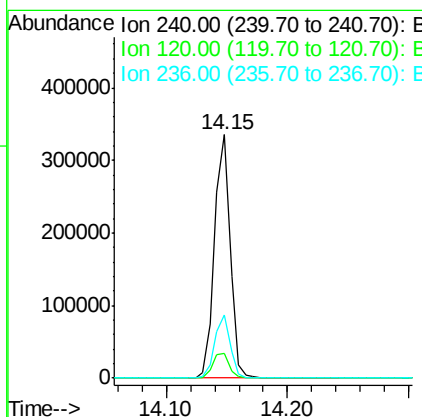
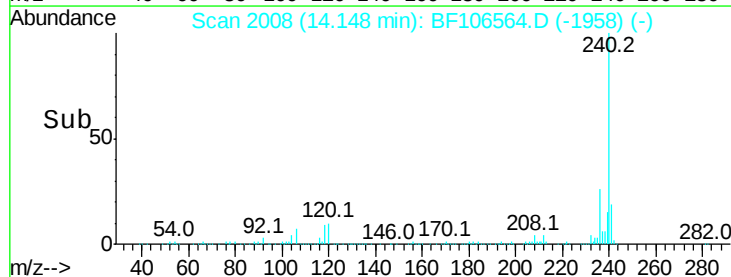


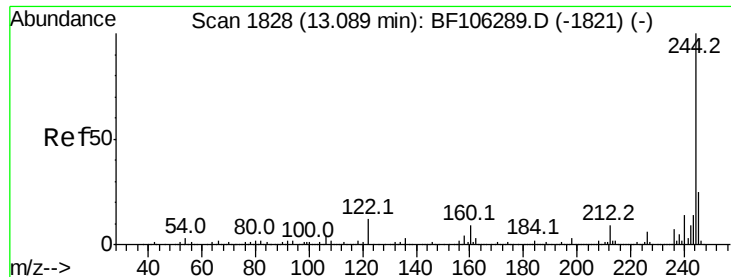
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106564.D
 Acq: 19 Jun 2018 3:43

Tgt Ion:240 Resp: 298104
 Ion Ratio Lower Upper
 240 100
 120 10.1 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

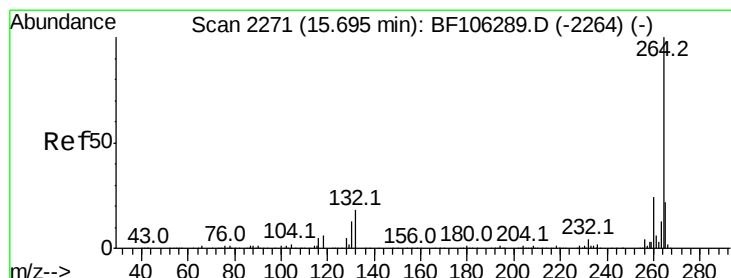
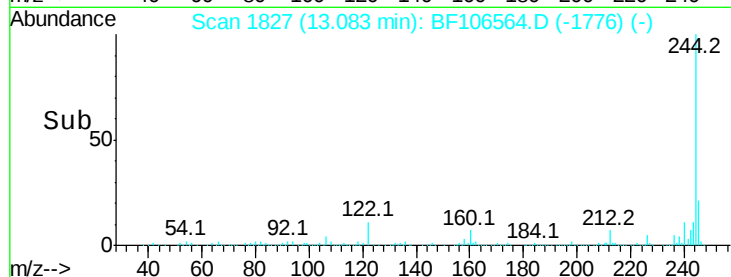
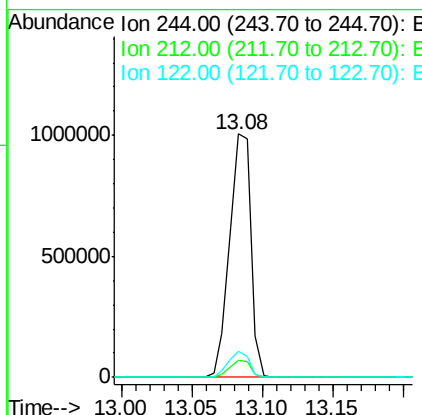
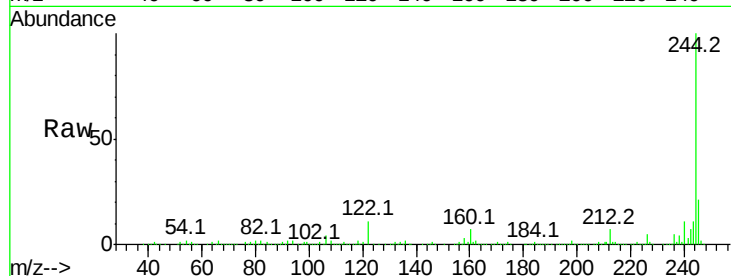




#78
 Terphenyl-d14
 Concen: 88.310 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106564.D
 Acq: 19 Jun 2018 3:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1059895
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 10.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106564.D
 Acq: 19 Jun 2018 3:43

Tgt Ion:264 Resp: 267458
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 22.1 17.5 26.3

