

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106566.D
 Acq On : 19 Jun 2018 4:37
 Operator : JU/SJ
 Sample : J3562-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 08:26:55 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

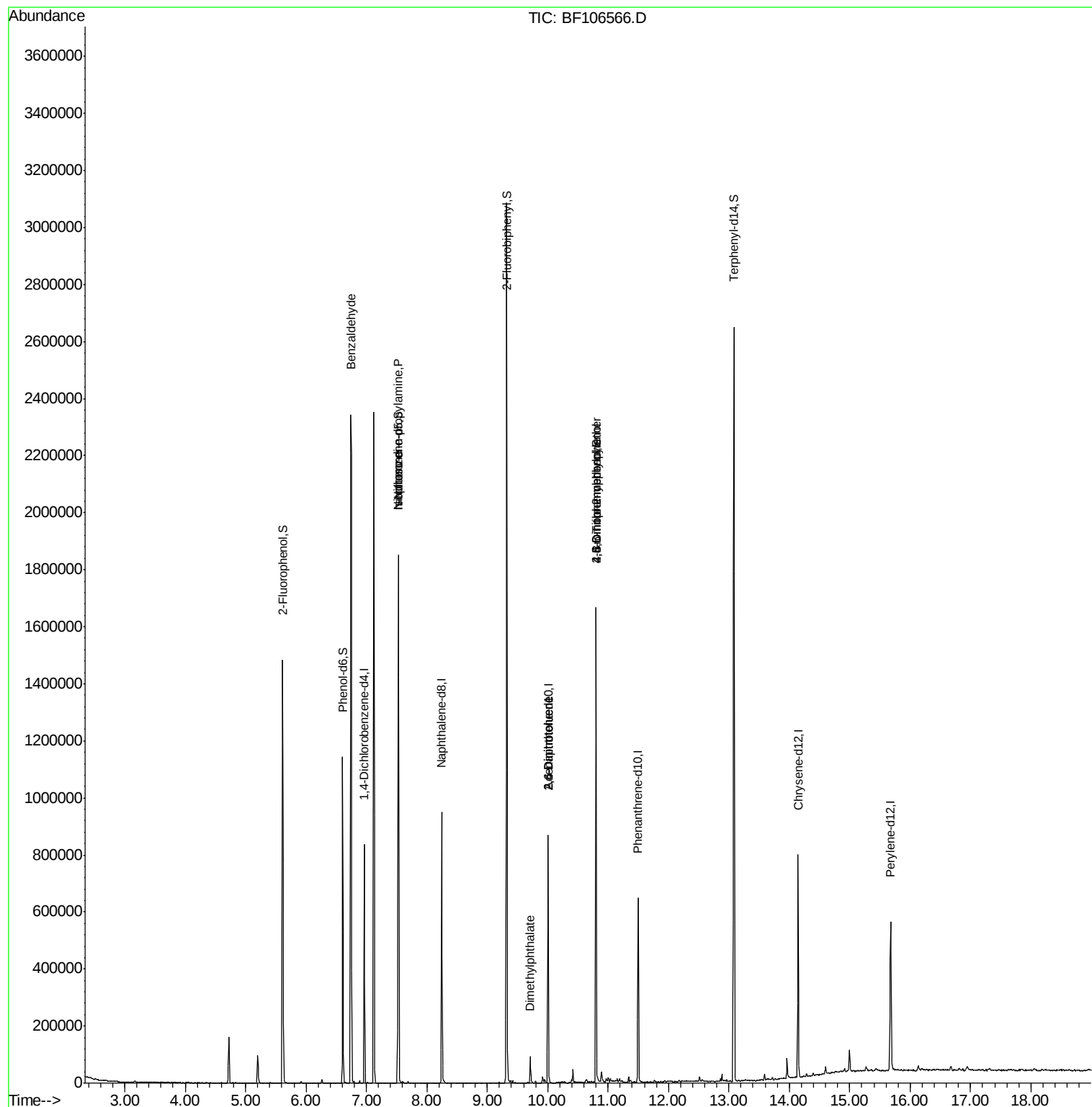
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	108817	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	389872	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	159153	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	245159	20.00	ng	0.00
75) Chrysene-d12	14.15	240	282165	20.00	ng	0.00
86) Perylene-d12	15.68	264	248511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	404710	62.95	ng	0.00
7) Phenol-d6	6.61	99	312608	38.48	ng	0.00
23) Nitrobenzene-d5	7.53	82	671505	101.32	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	208378	136.08	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1015707	135.79	ng	0.00
78) Terphenyl-d14	13.08	244	936053	82.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	15643	2.539	ng	# 79
19) n-Nitroso-di-n-propylamine	7.53	70	90414	14.836	ng	# 74
25) Isophorone	7.53	82	671497	51.875	ng	# 64
49) Dimethylphthalate	9.71	163	39230	3.450	ng	# 99
50) 2,6-Dinitrotoluene	10.01	165	20278	8.731	ng	# 24
56) 2,4-Dinitrotoluene	10.01	165	20278	6.952	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.80	198	325	6.508	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13866	4.973	ng	# 1

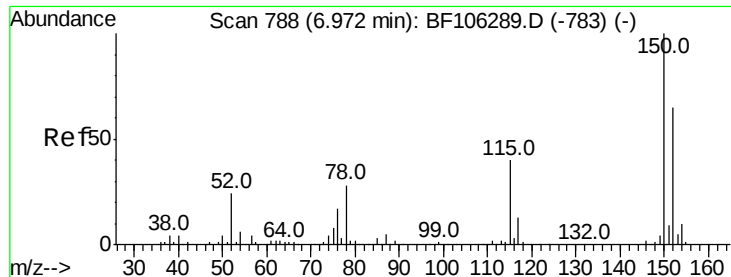
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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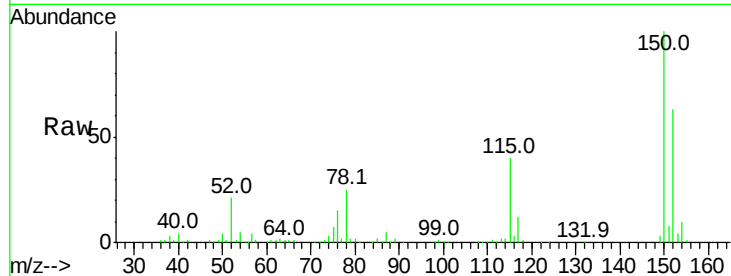


#1

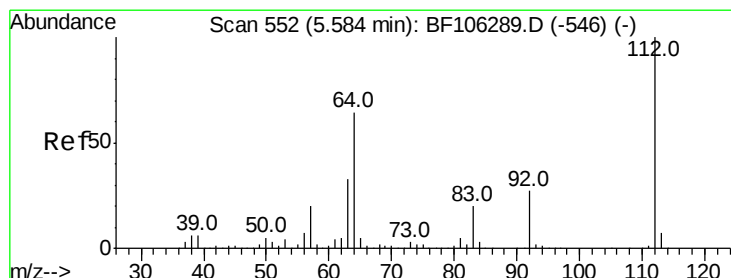
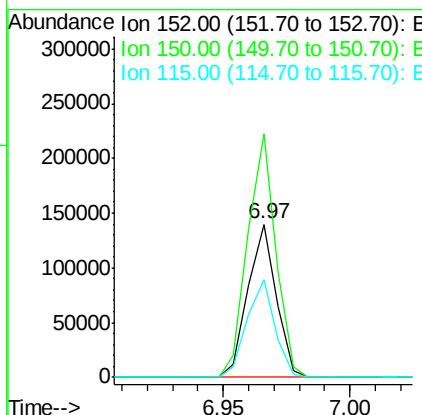
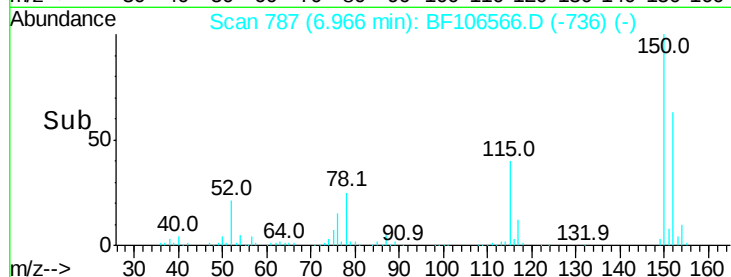
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106566.D
Acq: 19 Jun 2018 4:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 108817
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 63.6 50.1 75.1



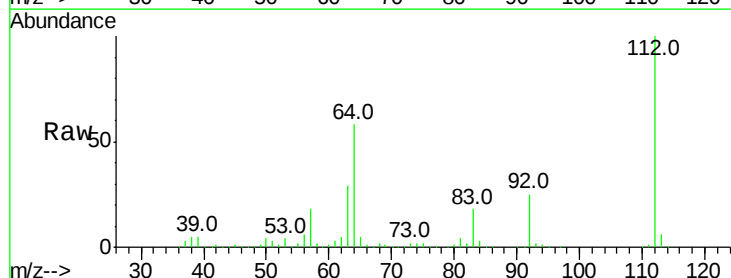
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



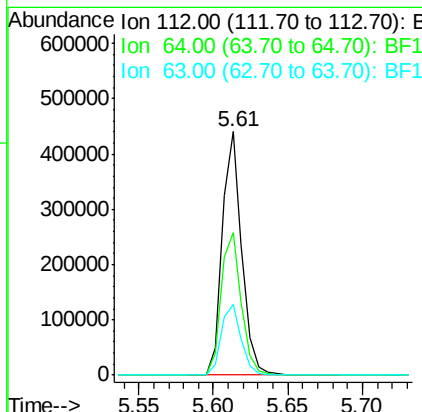
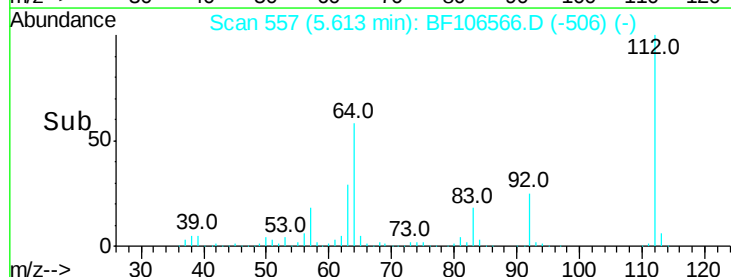
#5

2-Fluorophenol
Concen: 62.947 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106566.D
Acq: 19 Jun 2018 4:37

Tgt Ion:112 Resp: 404710
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 29.1 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: 38.485 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106566.D

Acq: 19 Jun 2018 4:37

Instrument :

BNA_F

ClientSampleId :

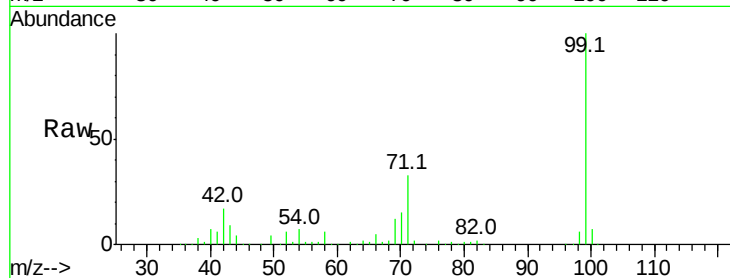
Tot Ion: 99 Resp: 312608

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

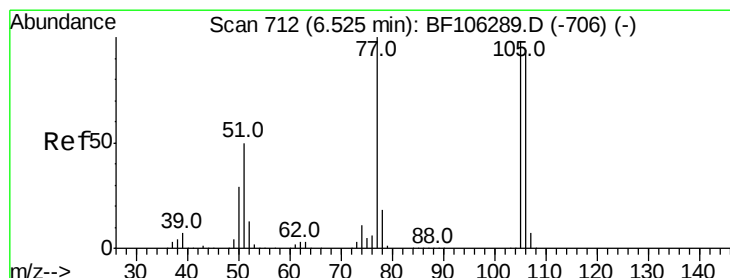
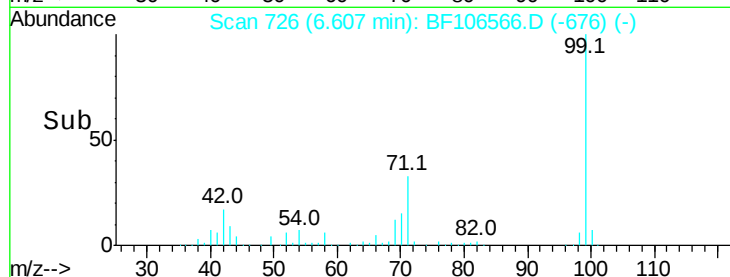
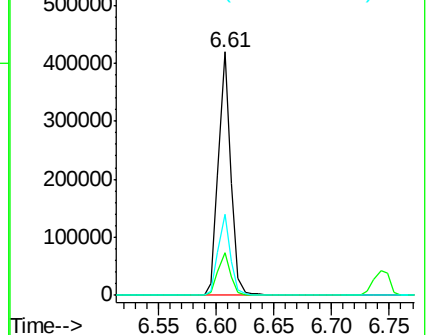
71 33.3 25.4 38.0



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: 2.539 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106566.D

Acq: 19 Jun 2018 4:37

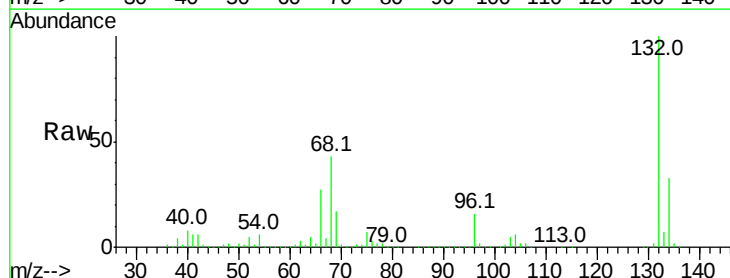
Tgt Ion: 77 Resp: 15643

Ion Ratio Lower Upper

77 100

105 78.9 81.1 121.1#

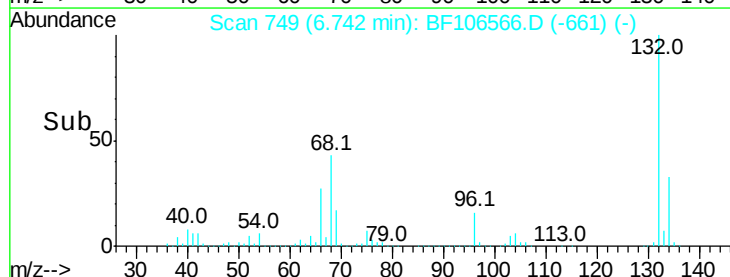
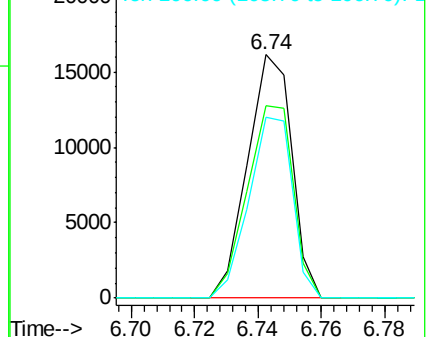
106 74.3 74.5 114.5#

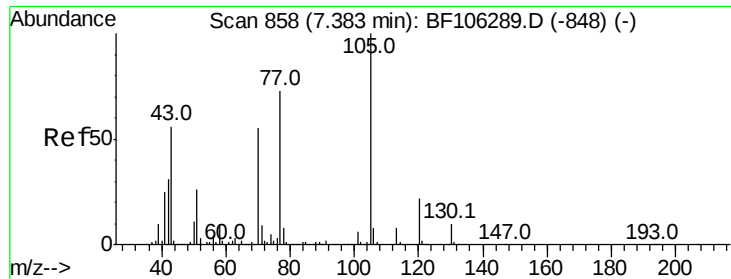


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

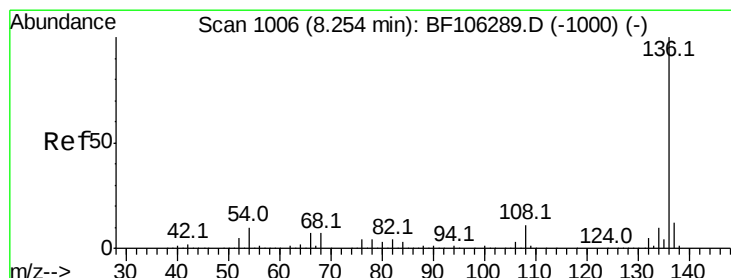
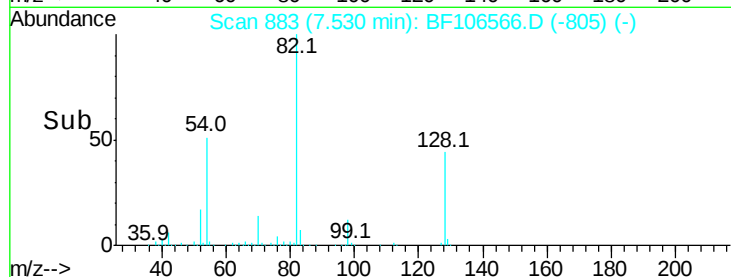
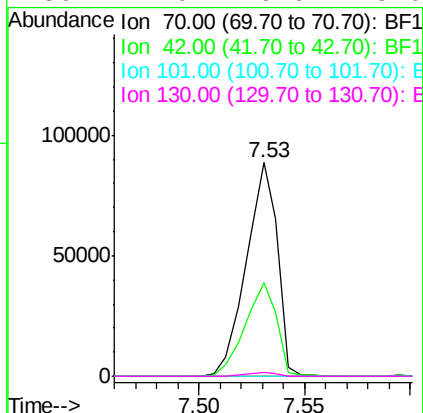
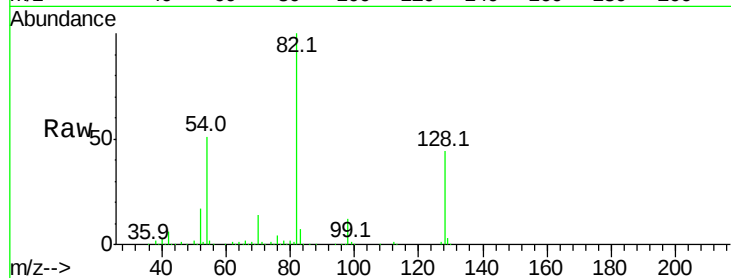




#19
n-Nitroso-di-n-propylamine
Concen: 14.836 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106566.D
Acq: 19 Jun 2018 4:37

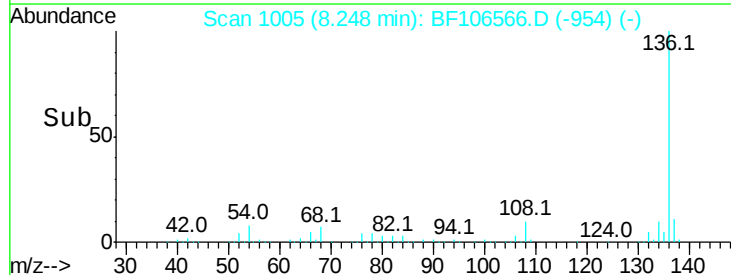
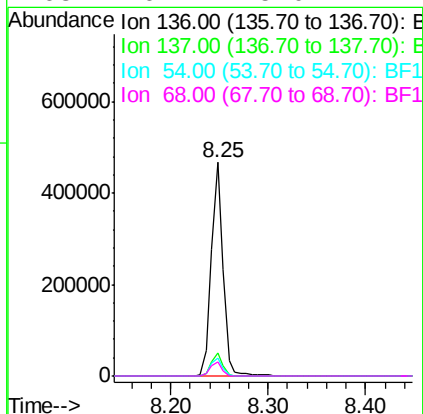
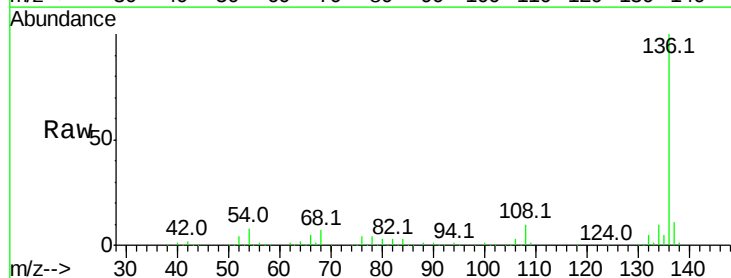
Instrument :
BNA_F
ClientSampled :

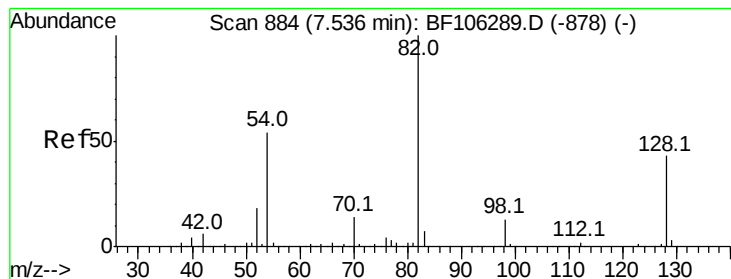
Tot Ion: 70 Resp: 90414
Ion Ratio Lower Upper
70 100
42 43.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF106566.D
Acq: 19 Jun 2018 4:37

Tgt Ion: 136 Resp: 389872
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.2 6.6 9.8
68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 101.325 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF106566.D

Acq: 19 Jun 2018 4:37

Instrument :

BNA_F

ClientSampled :

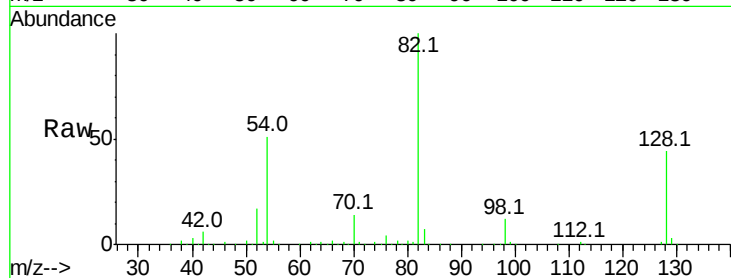
Tot Ion: 82 Resp: 671505

Ion Ratio Lower Upper

82 100

128 44.3 36.1 54.1

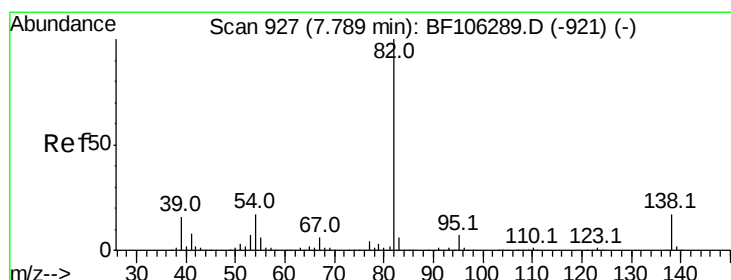
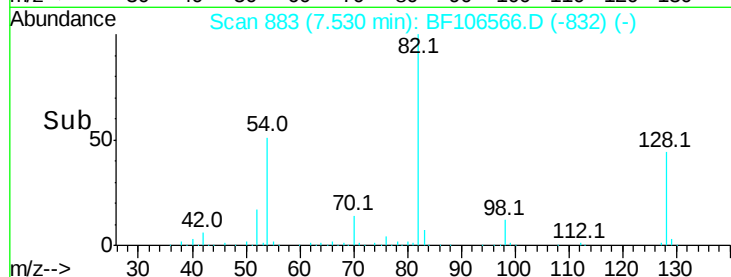
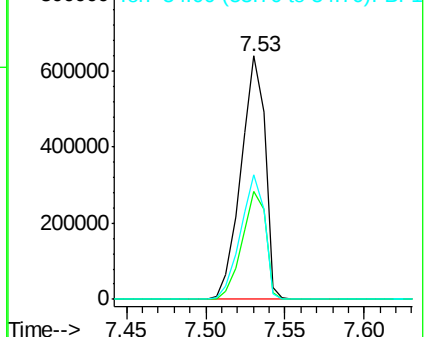
54 51.3 41.4 62.2



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: 51.875 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106566.D

Acq: 19 Jun 2018 4:37

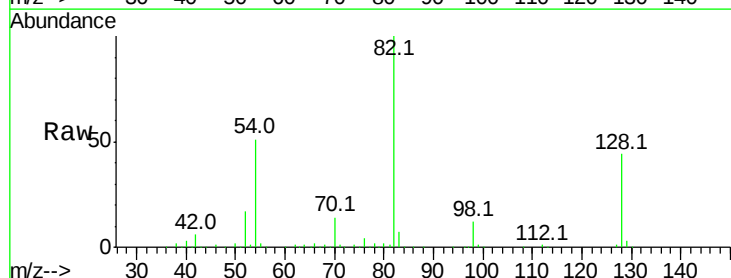
Tgt Ion: 82 Resp: 671497

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

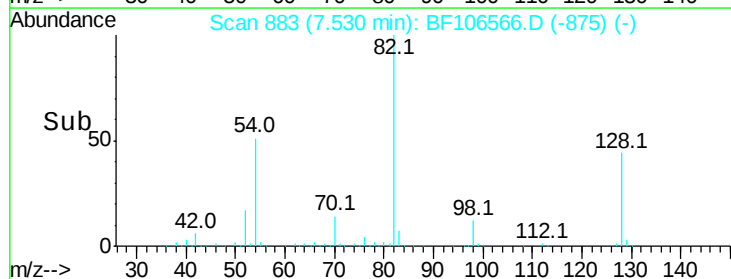
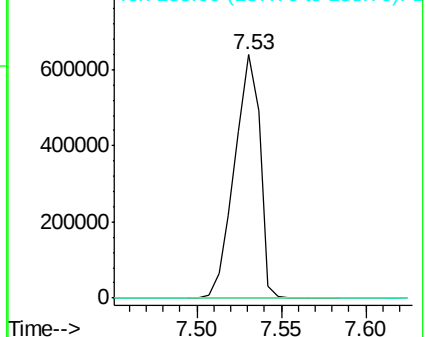
138 0.0 14.9 22.3#

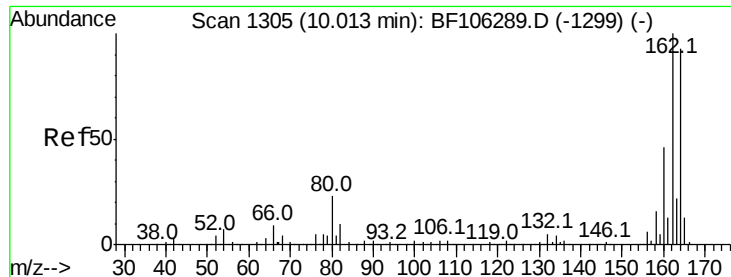


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF106566.D

Acq: 19 Jun 2018 4:37

Instrument :

BNA_F

ClientSampleId :

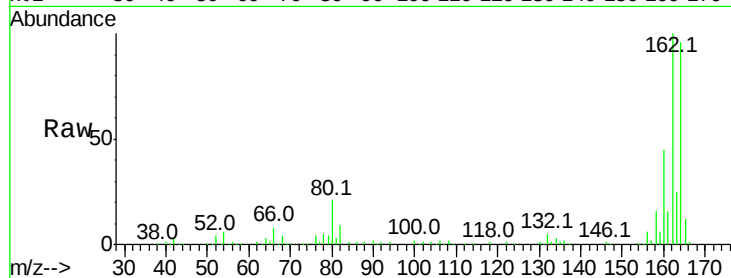
Tot Ion:164 Resp: 159153

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

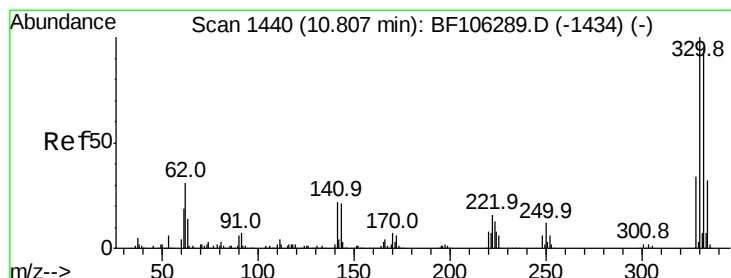
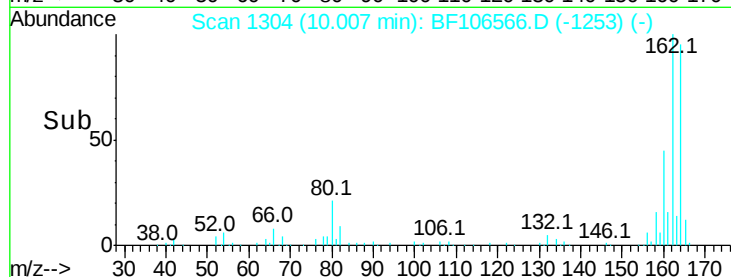
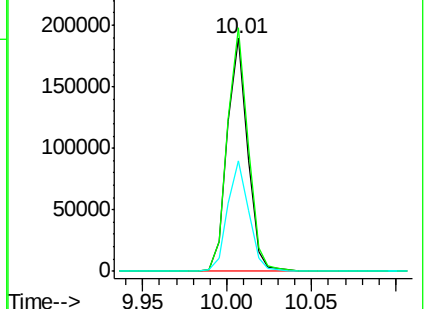
160 47.5 38.3 57.5



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: 136.077 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF106566.D

Acq: 19 Jun 2018 4:37

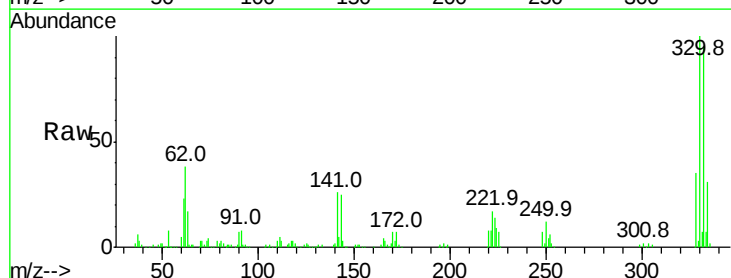
Tgt Ion:330 Resp: 208378

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

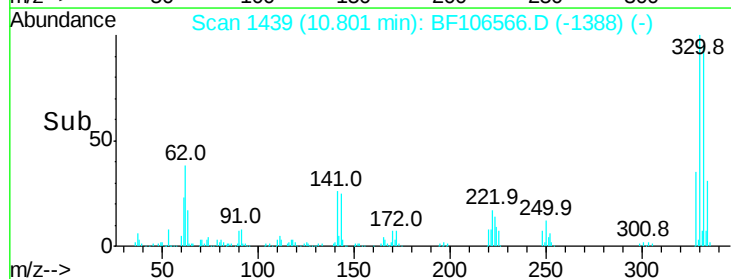
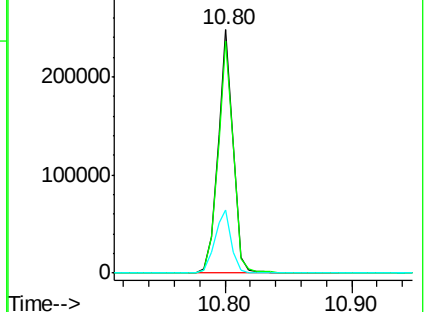
141 28.0 29.9 44.9#

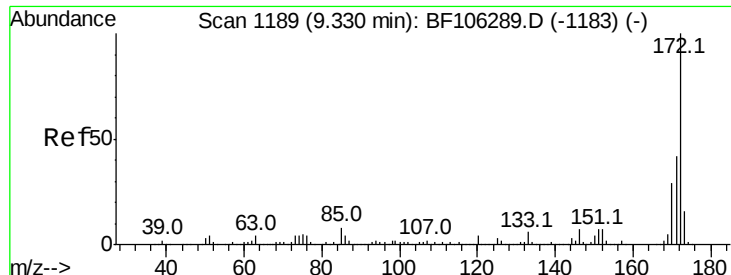


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



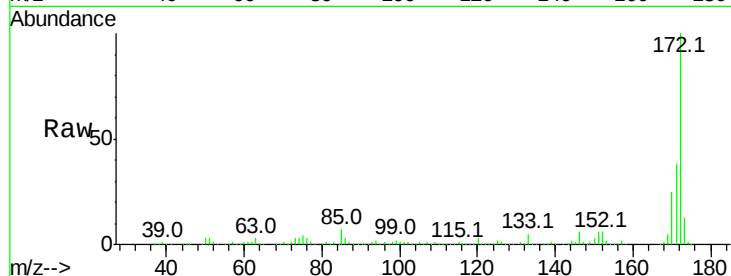


#44
 2-Fluorobiphenyl
 Concen: 135.786 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106566.D
 Acq: 19 Jun 2018 4:37

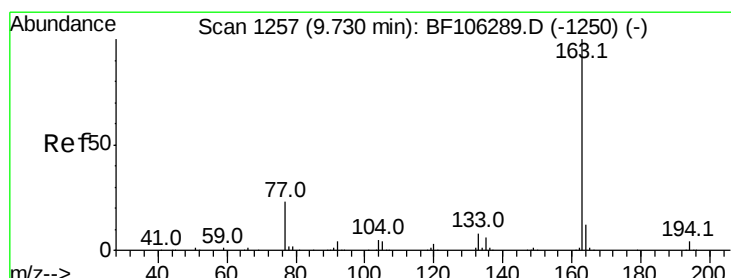
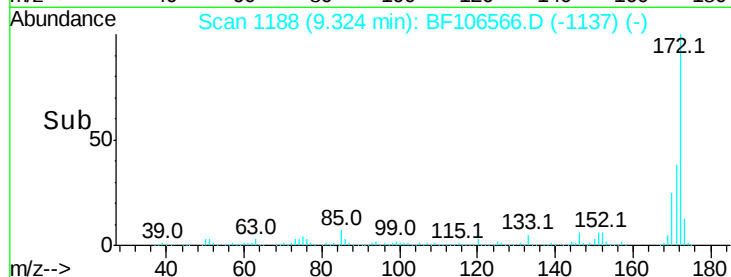
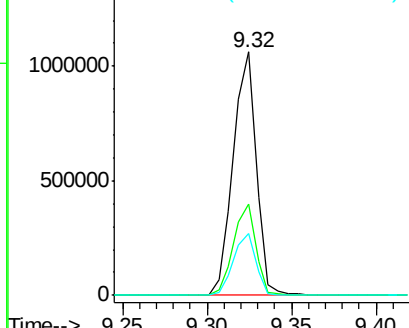
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1015707

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.2	19.6	29.4



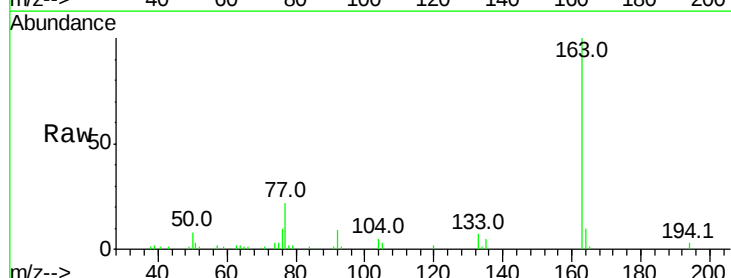
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



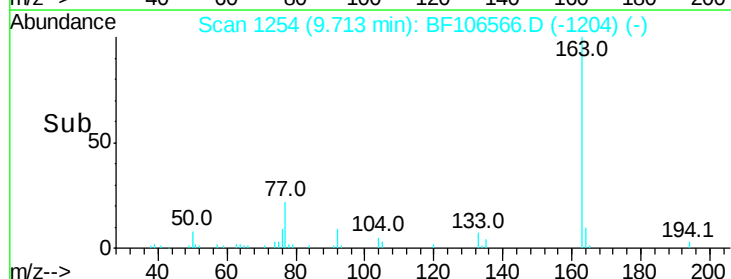
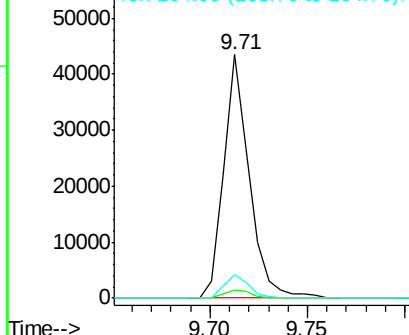
#49
 Dimethylphthalate
 Concen: 3.450 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106566.D
 Acq: 19 Jun 2018 4:37

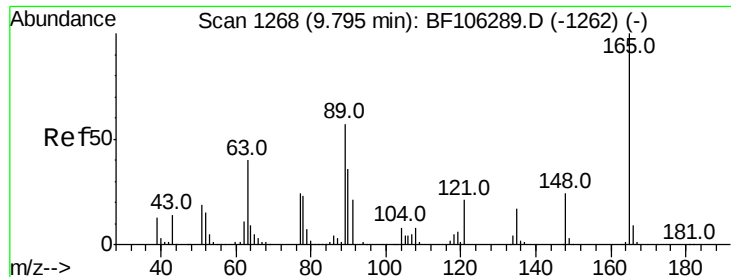
Tgt Ion:163 Resp: 39230

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	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

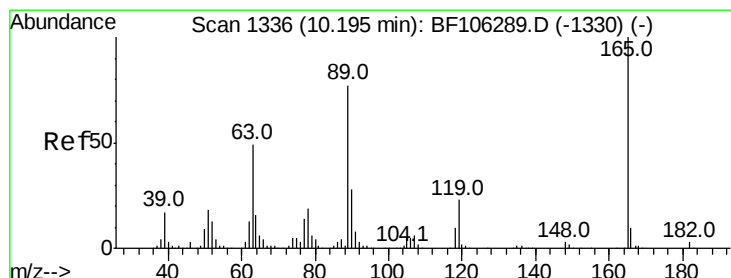
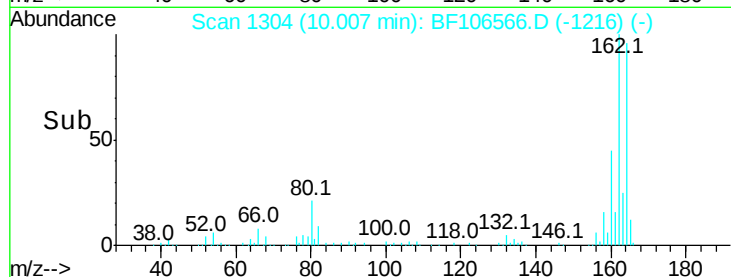
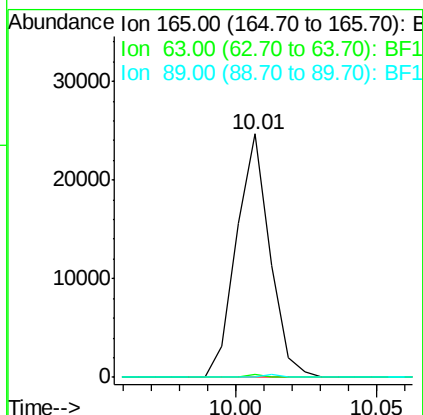
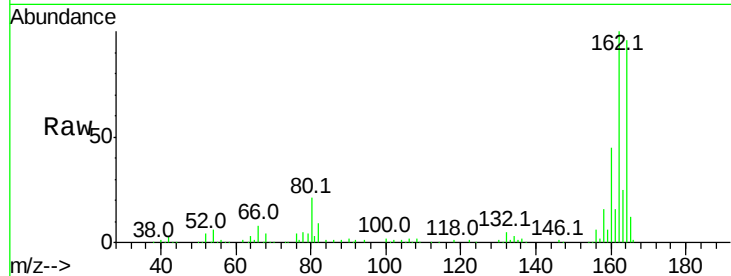




#50
 2,6-Dinitrotoluene
 Concen: 8.731 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.22 min
 Lab File: BF106566.D
 Acq: 19 Jun 2018 4:37

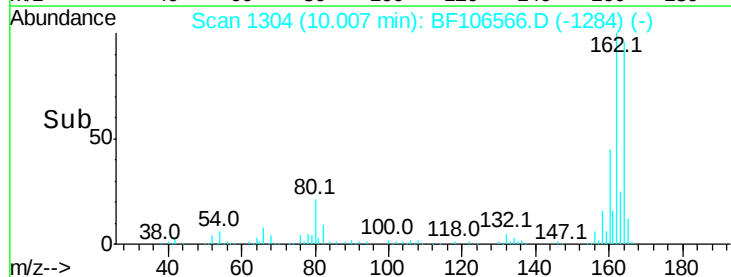
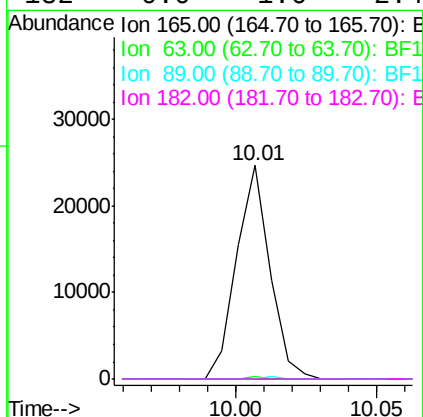
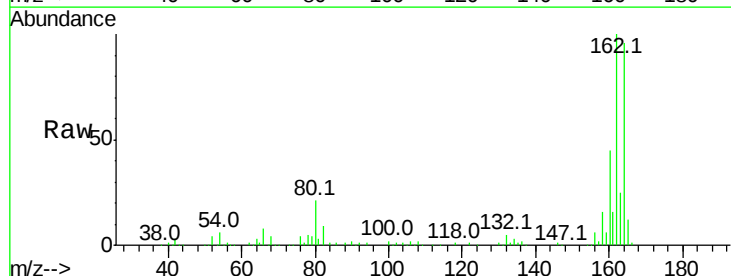
Instrument :
 BNA_F
 ClientSampleId :

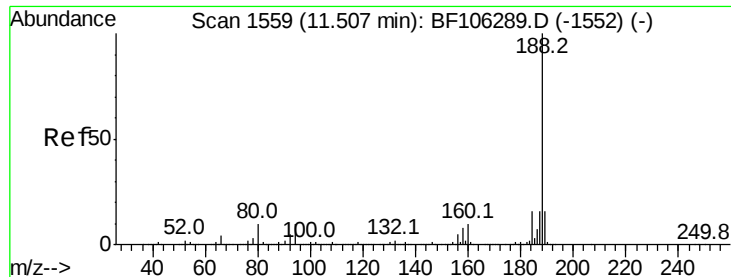
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.952 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.18 min
 Lab File: BF106566.D
 Acq: 19 Jun 2018 4:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	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: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106566.D

Acq: 19 Jun 2018 4:37

Instrument :

BNA_F

ClientSampleId :

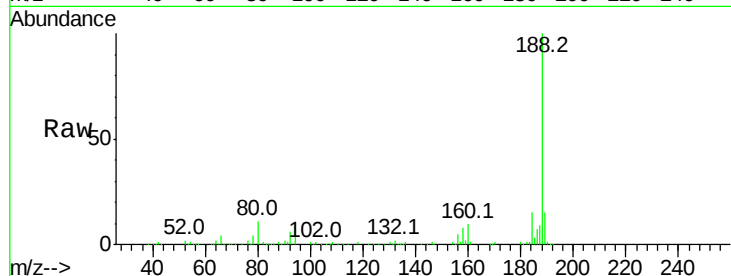
Tot Ion:188 Resp: 245159

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

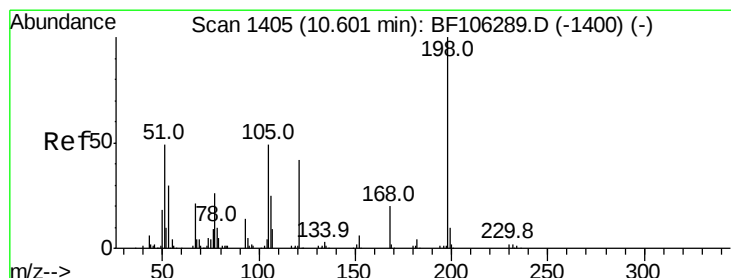
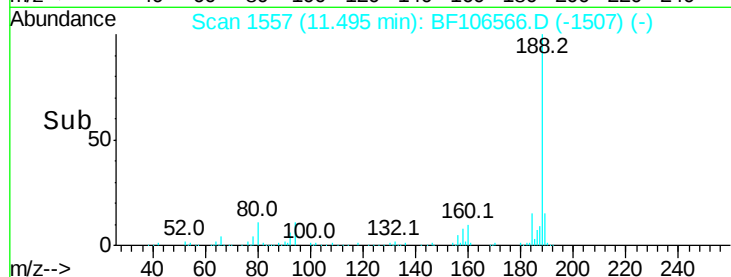
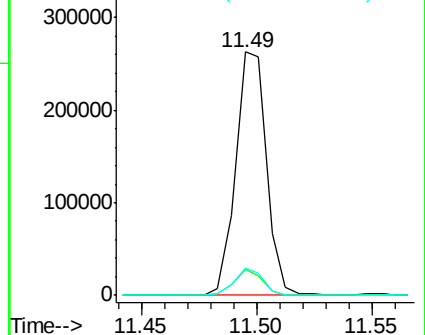
80 11.4 9.2 13.8



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: 6.508 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106566.D

Acq: 19 Jun 2018 4:37

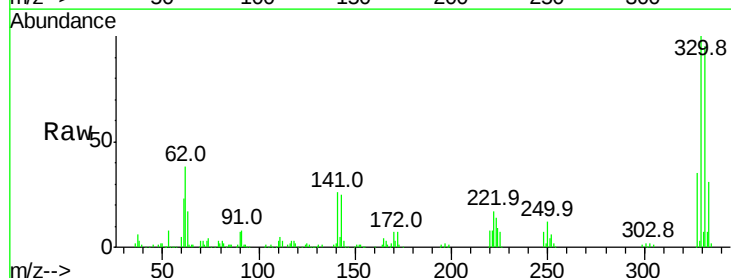
Tgt Ion:198 Resp: 325

Ion Ratio Lower Upper

198 100

51 161.0 37.7 77.7#

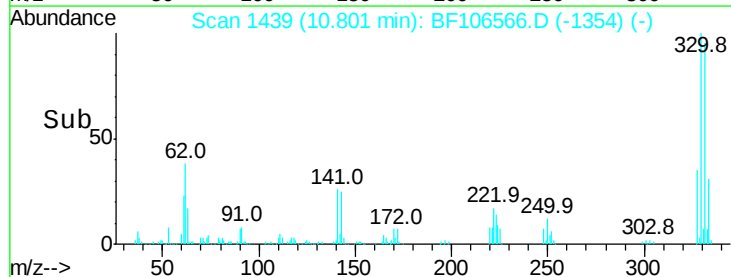
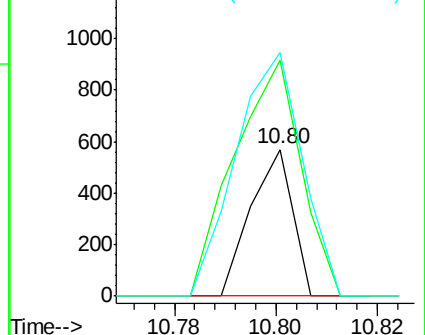
105 166.3 36.3 76.3#

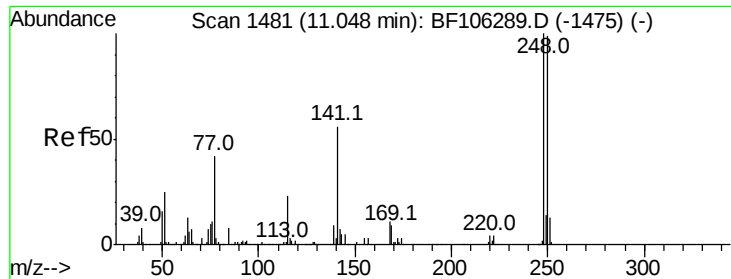


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

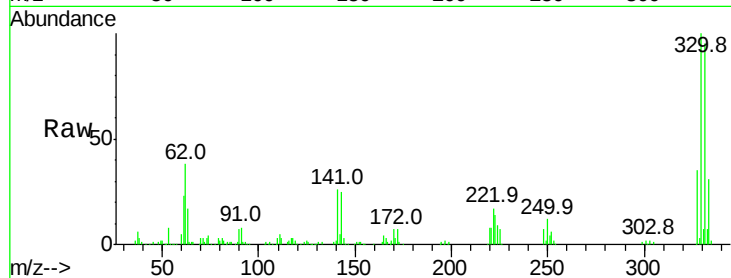




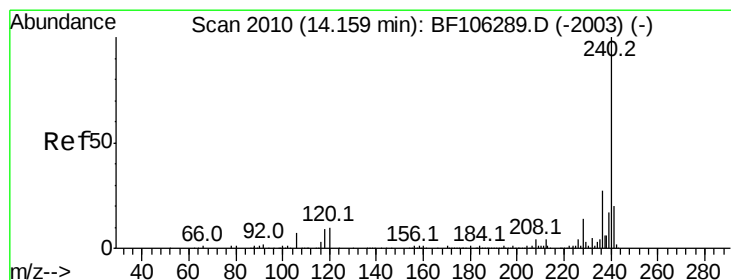
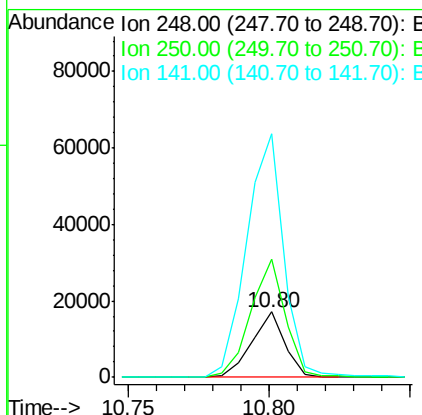
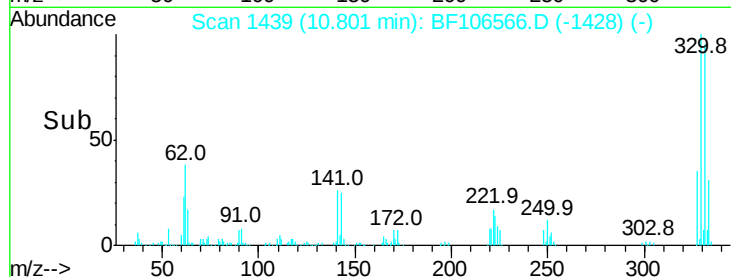
#66
4-Bromophenyl-phenylether
Concen: 4.973 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106566.D
Acq: 19 Jun 2018 4:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13866
Ion Ratio Lower Upper
248 100
250 180.8 76.9 115.3#
141 374.0 74.4 111.6#

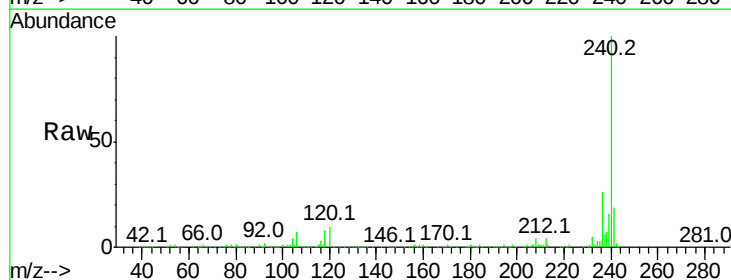


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

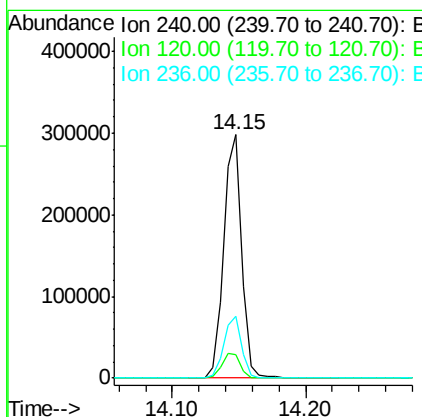
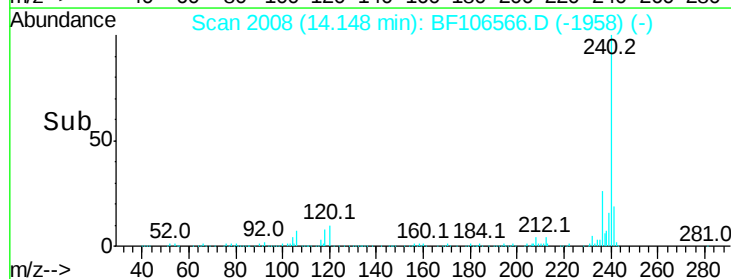


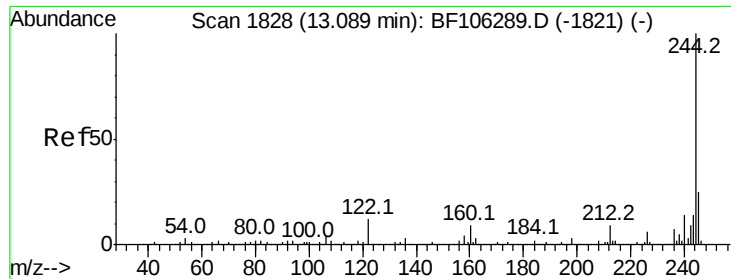
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106566.D
Acq: 19 Jun 2018 4:37

Tgt Ion:240 Resp: 282165
Ion Ratio Lower Upper
240 100
120 9.6 9.5 14.3
236 25.6 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

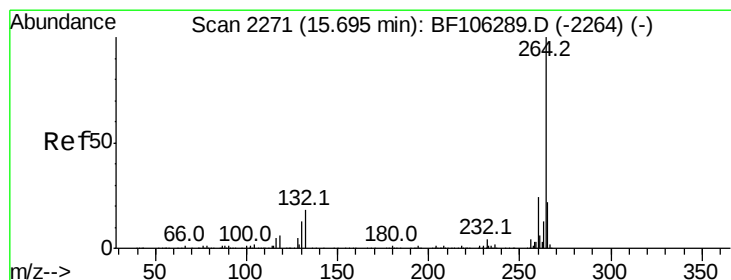
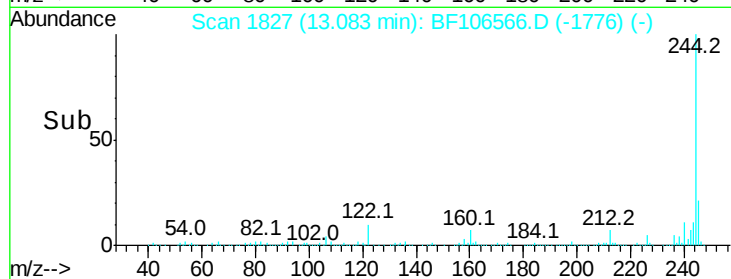
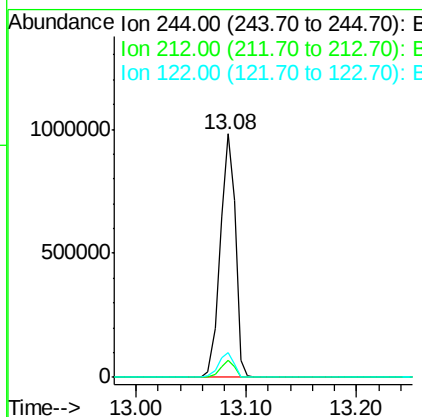
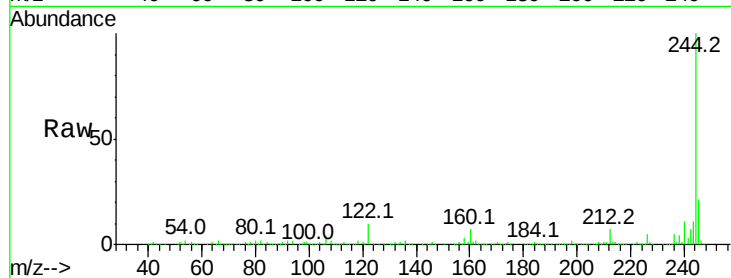




#78
 Terphenyl-d14
 Concen: 82.397 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF106566.D
 Acq: 19 Jun 2018 4:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 936053
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.3 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: BF106566.D
 Acq: 19 Jun 2018 4:37

Tgt Ion:264 Resp: 248511
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.1 17.5 26.3

