

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106382.D
 Acq On : 13 Jun 2018 9:18
 Operator : JU/SJ
 Sample : J3396-05
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 10:44:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

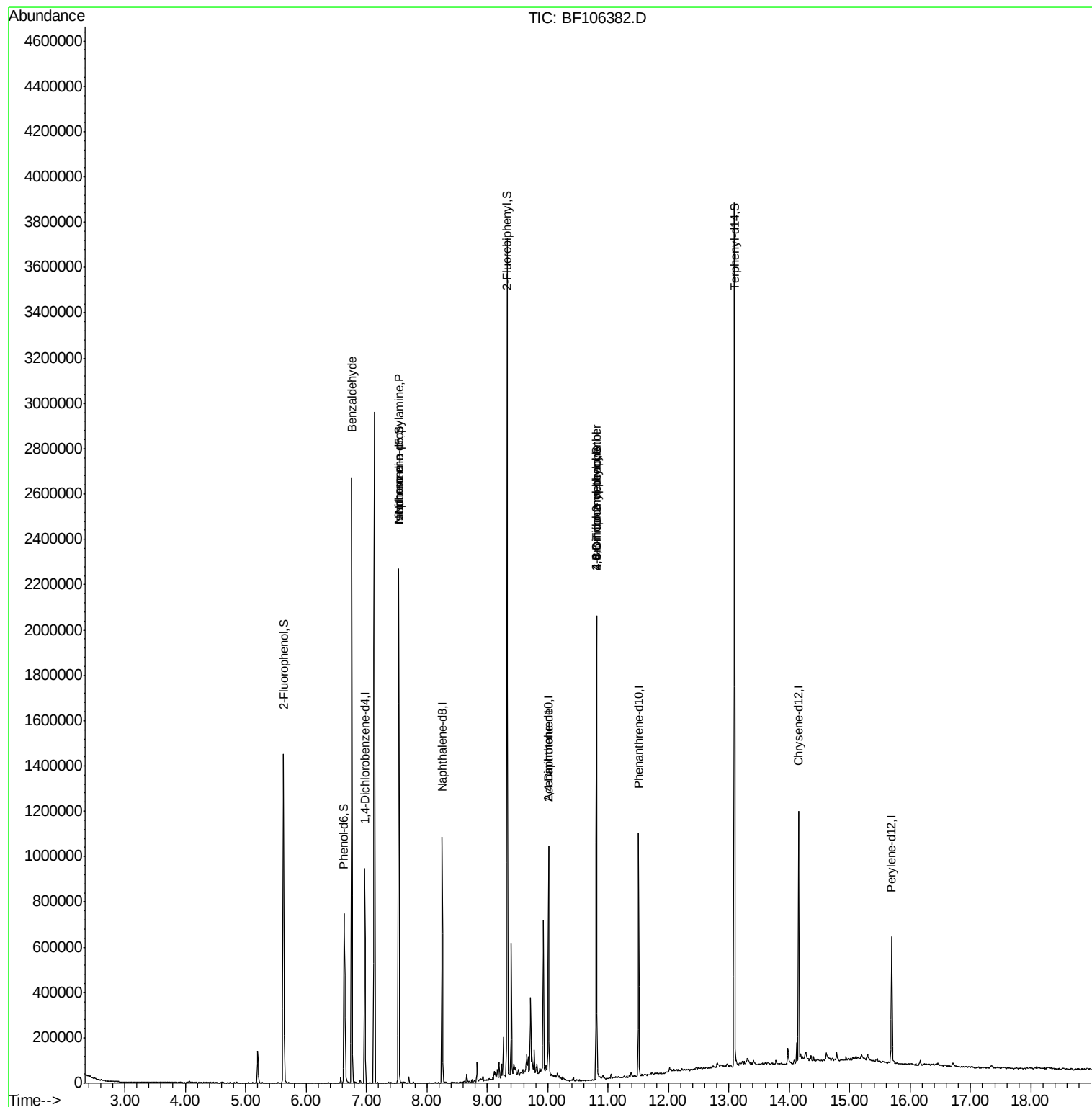
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	126142	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	422409	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	174952	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	354566	20.00	ng	0.00
75) Chrysene-d12	14.15	240	369284	20.00	ng	0.00
86) Perylene-d12	15.69	264	261084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	484780	65.04	ng	0.04
7) Phenol-d6	6.63	99	354462	37.64	ng	0.04
23) Nitrobenzene-d5	7.54	82	728537	101.46	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	268182	159.32	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1136689	140.66	ng	0.00
78) Terphenyl-d14	13.09	244	1386993	93.29	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	18211	2.550	ng	84
19) n-Nitroso-di-n-propylamine	7.54	70	98985	14.012	ng	# 74
25) Isophorone	7.54	82	728519	51.945	ng	# 64
56) 2,4-Dinitrotoluene	10.01	165	23090	7.202	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	450	6.499	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	17296	4.289	ng	# 1

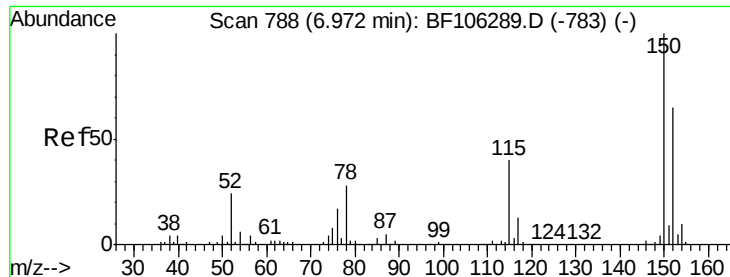
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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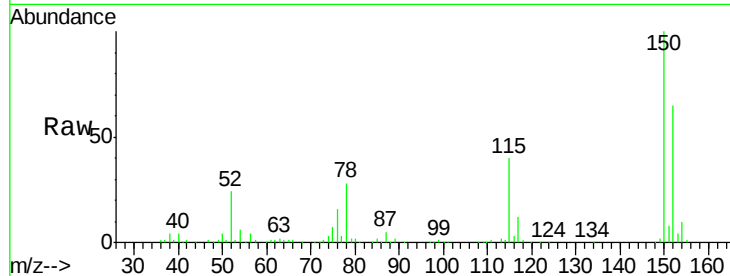


#1

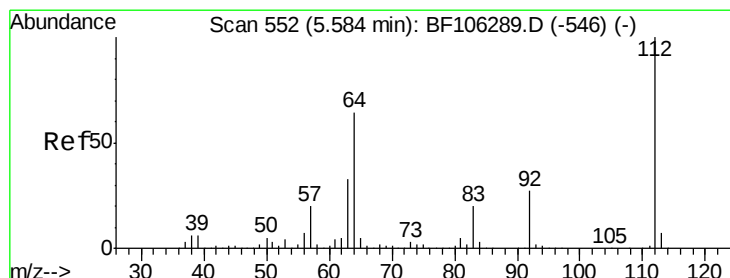
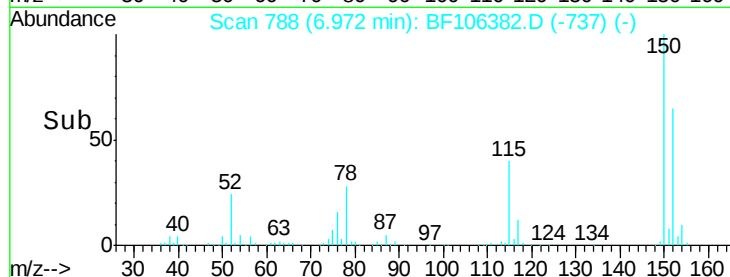
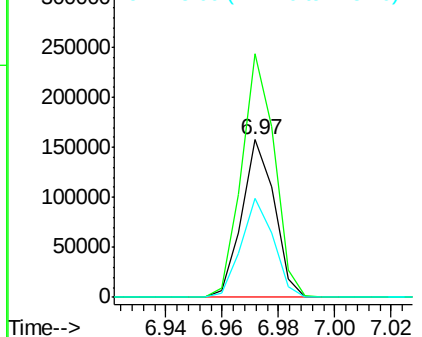
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126142
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 62.7 50.1 75.1



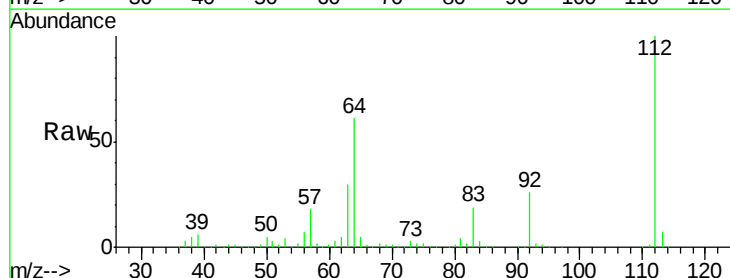
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



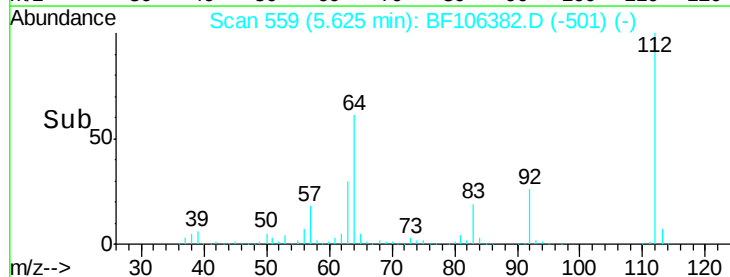
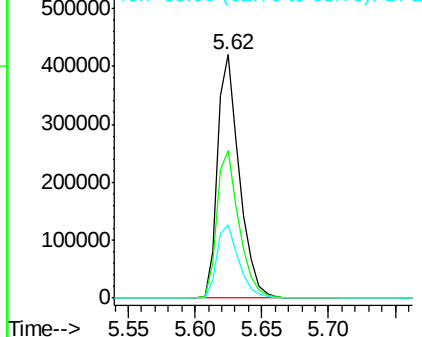
#5

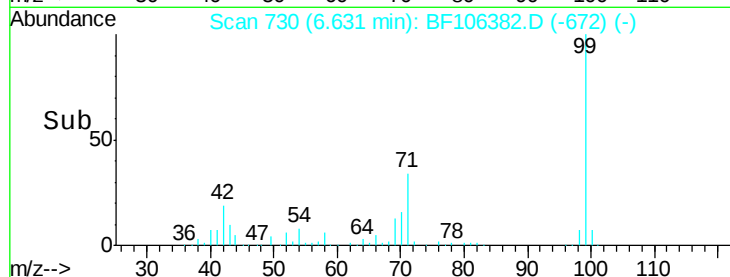
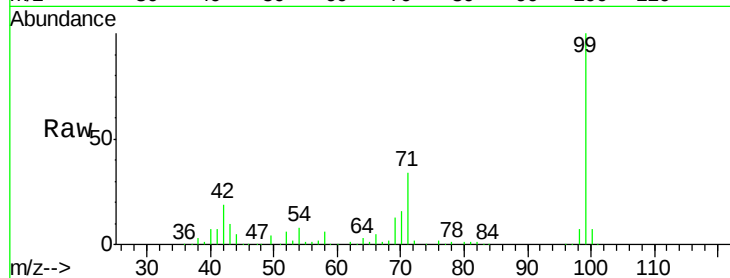
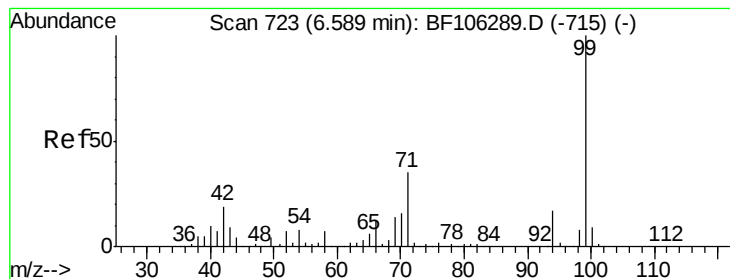
2-Fluorophenol
Concen: 65.045 ng
RT: 5.62 min Scan# 559
Delta R.T. 0.04 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

Tgt Ion:112 Resp: 484780
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 30.4 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: 37.644 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.04 min

Lab File: BF106382.D

Acq: 13 Jun 2018 9:18

Instrument :

BNA_F

ClientSampleId :

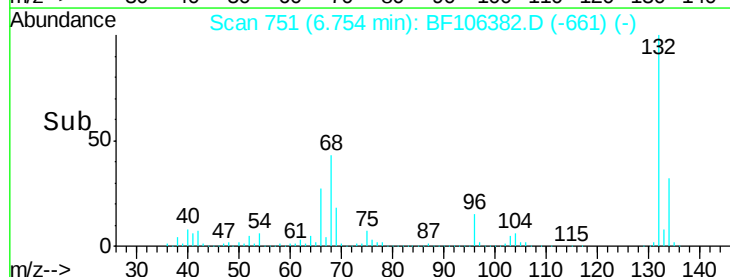
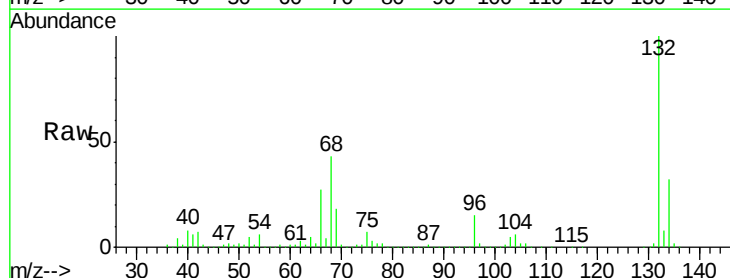
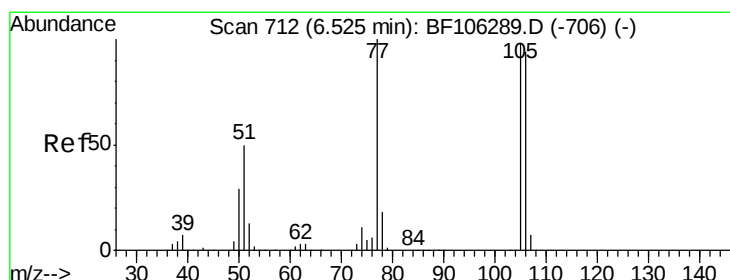
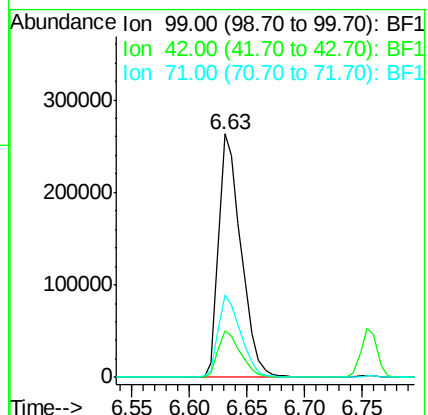
Tot Ion: 99 Resp: 354462

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 33.9 25.4 38.0



#9

Benzaldehyde

Concen: 2.550 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.23 min

Lab File: BF106382.D

Acq: 13 Jun 2018 9:18

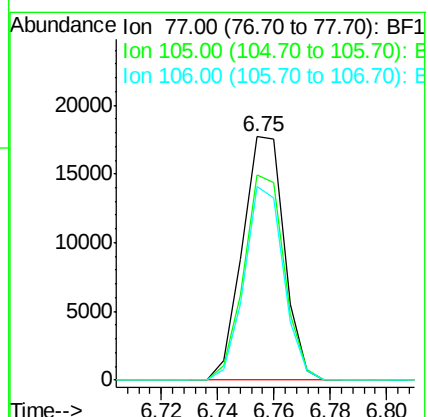
Tgt Ion: 77 Resp: 18211

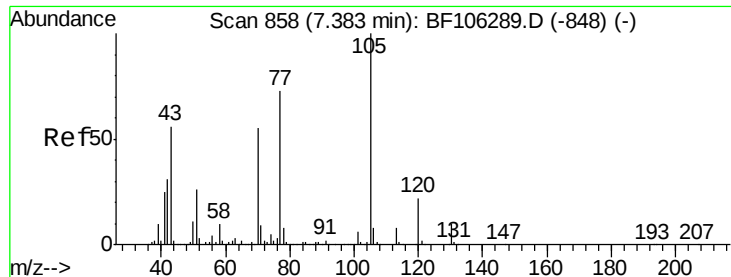
Ion Ratio Lower Upper

77 100

105 84.3 81.1 121.1

106 79.8 74.5 114.5

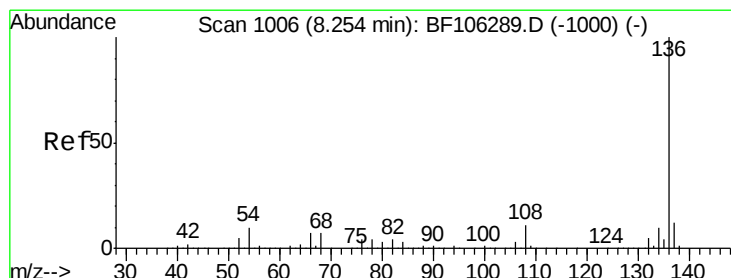
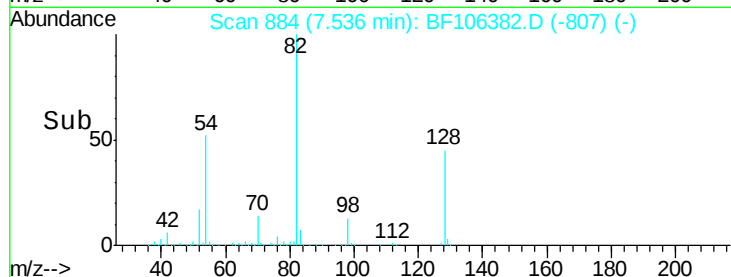
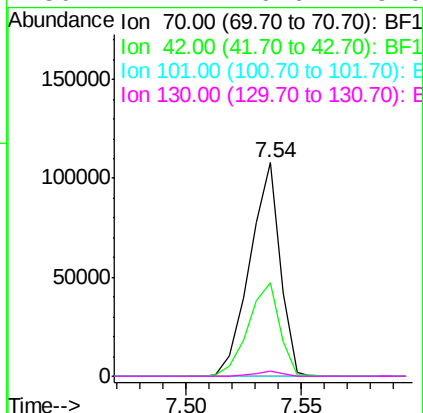
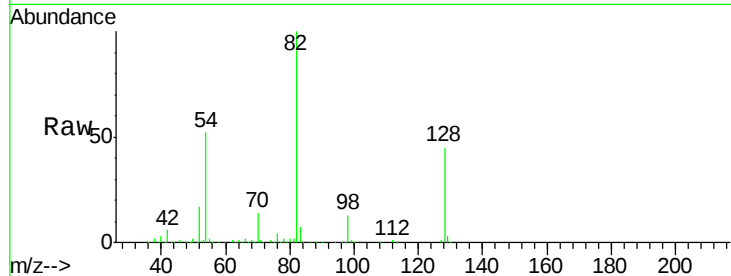




#19
n-Nitroso-di-n-propylamine
Concen: 14.012 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

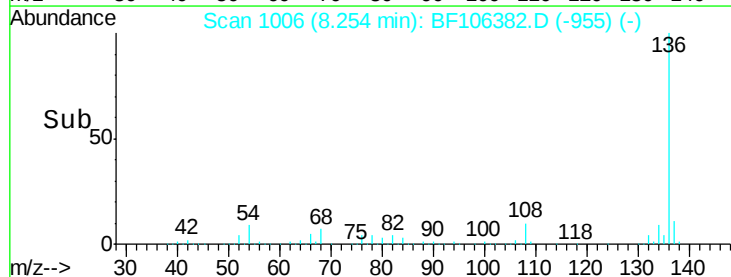
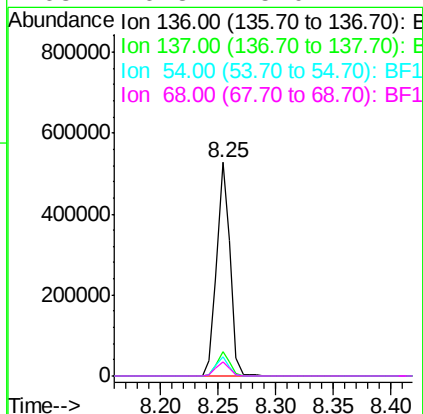
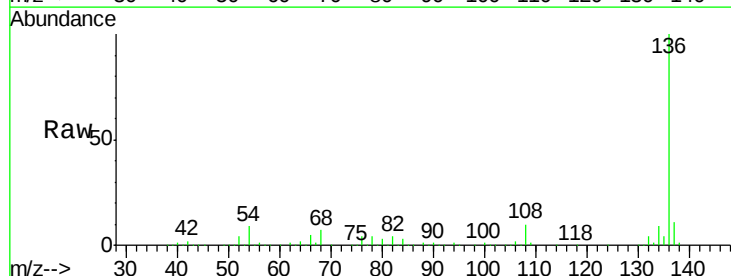
Instrument :
BNA_F
ClientSampleId :

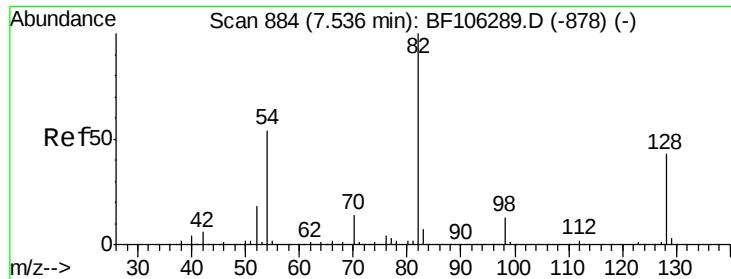
Tot Ion: 70 Resp: 98985
Ion Ratio Lower Upper
70 100
42 43.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

Tgt Ion:136 Resp: 422409
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 9.0 6.6 9.8
68 6.8 5.0 7.4

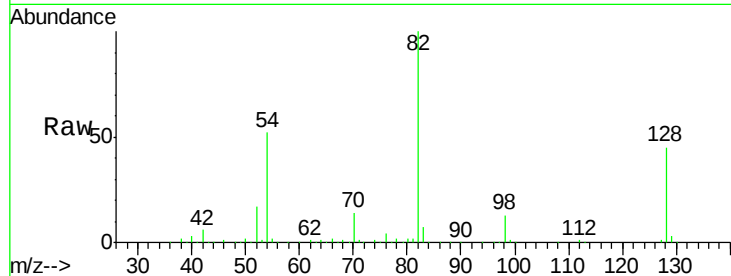




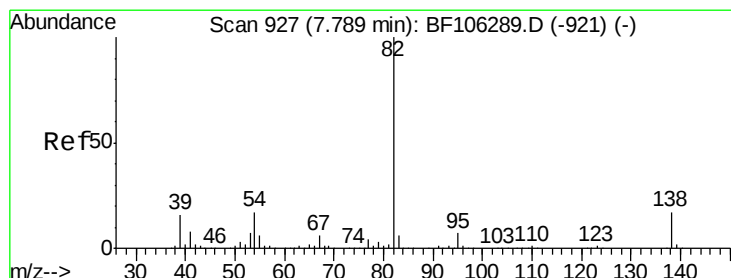
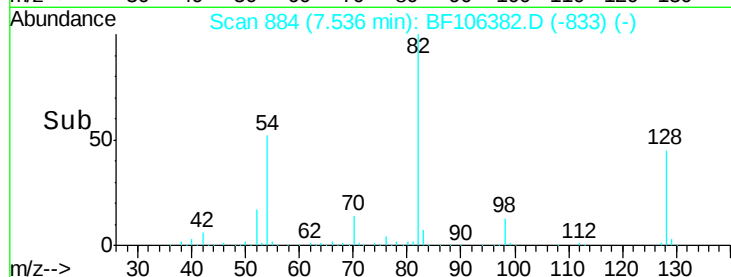
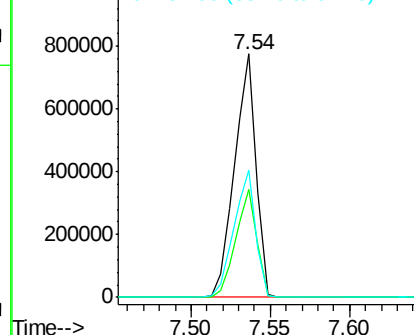
#23
Nitrobenzene-d5
Concen: 101.463 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	52.0	41.4	62.2

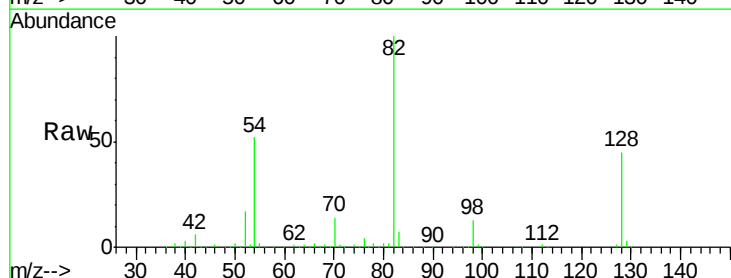


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

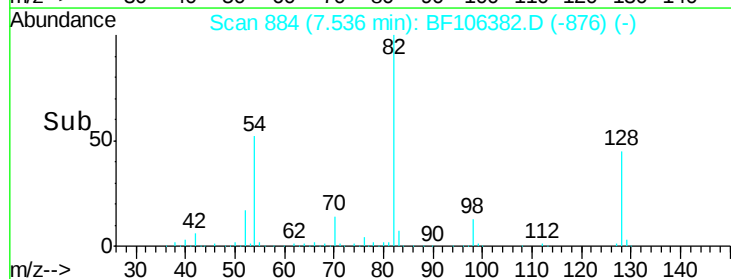
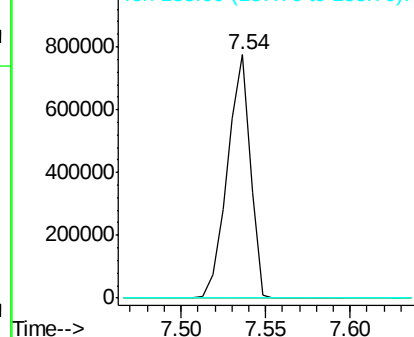


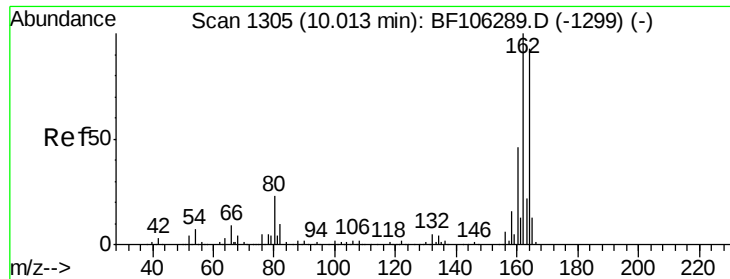
#25
Isophorone
Concen: 51.945 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.25 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

Tgt 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# 1305

Delta R.T. 0.00 min

Lab File: BF106382.D

Acq: 13 Jun 2018 9:18

Instrument :

BNA_F

ClientSampleId :

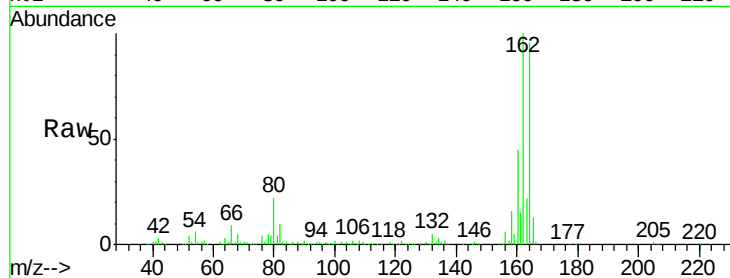
Tot Ion:164 Resp: 174952

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

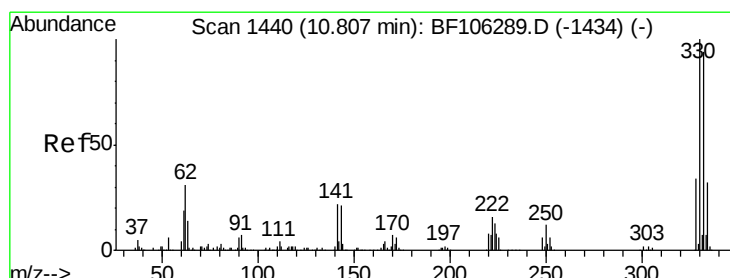
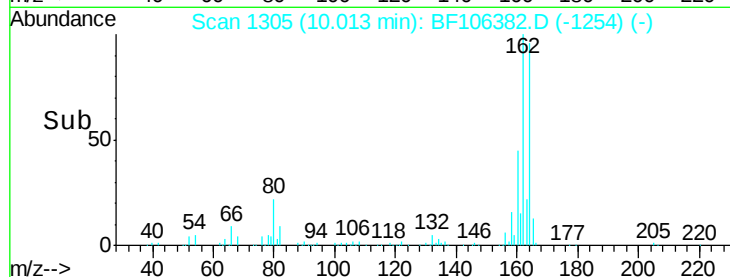
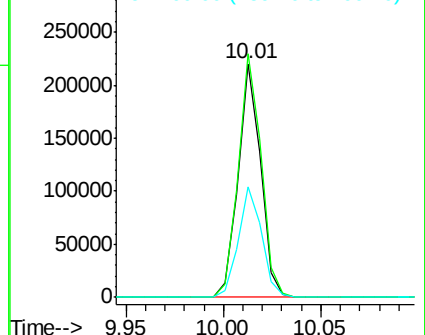
160 47.3 38.3 57.5



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: 159.315 ng

RT: 10.81 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF106382.D

Acq: 13 Jun 2018 9:18

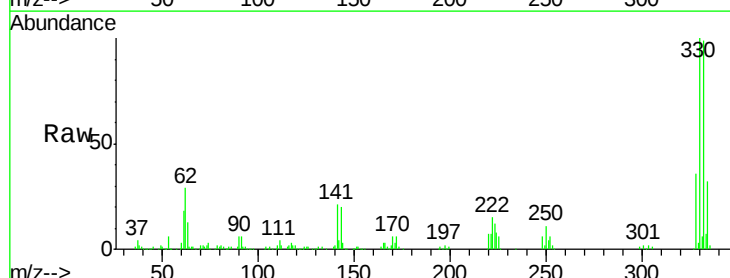
Tgt Ion:330 Resp: 268182

Ion Ratio Lower Upper

330 100

332 98.4 77.0 115.6

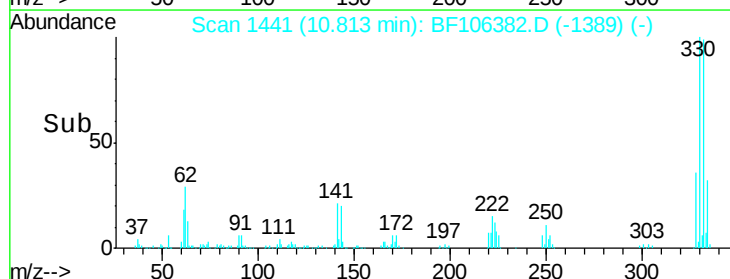
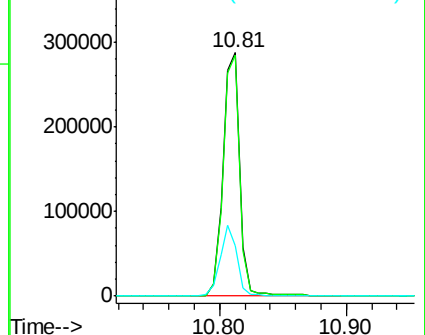
141 29.0 29.9 44.9#

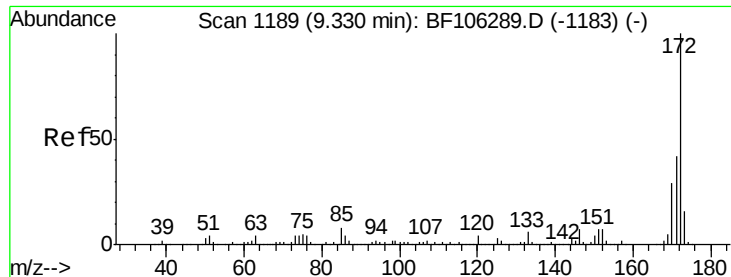


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

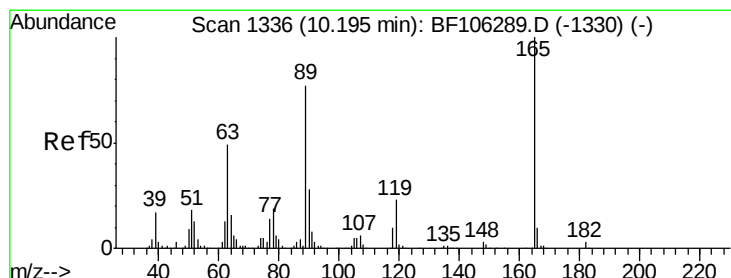
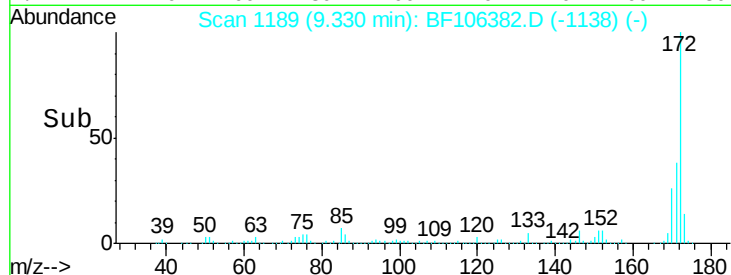
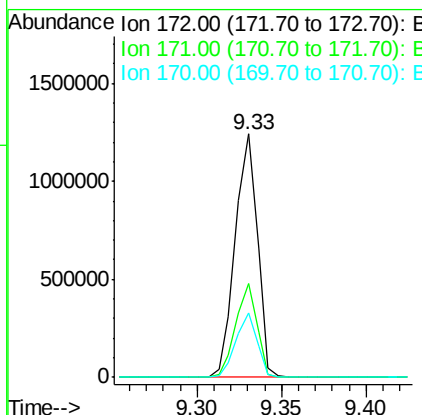
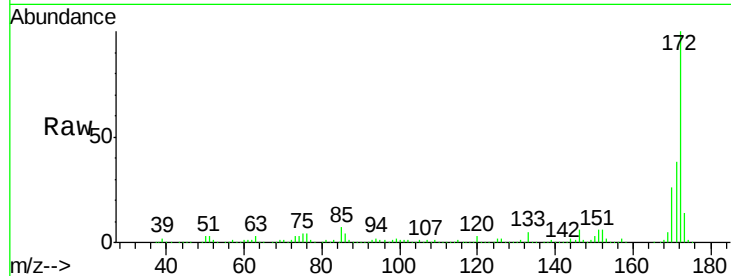




#44
2-Fluorobiphenyl
Concen: 140.657 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

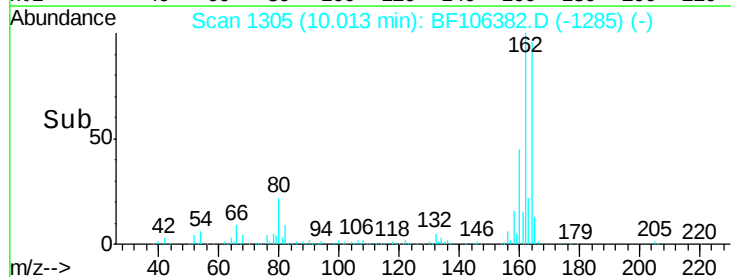
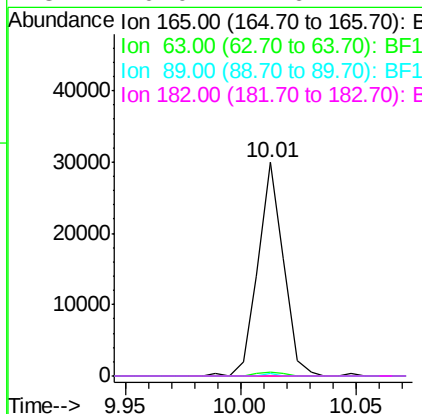
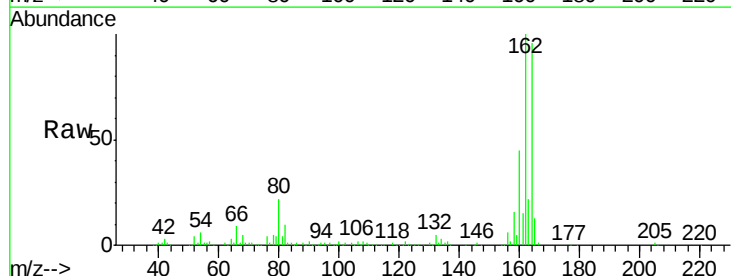
Instrument :
BNA_F
ClientSampleId :

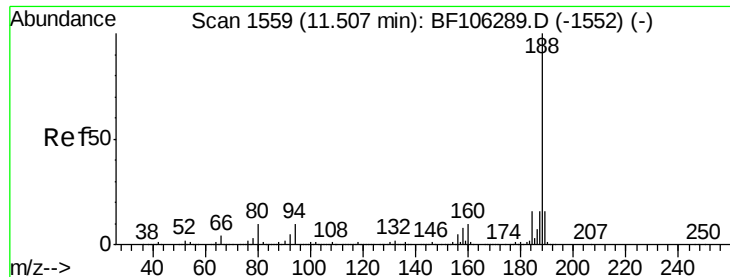
Tot Ion:172 Resp: 1136689
Ion Ratio Lower Upper
172 100
171 38.4 29.7 44.5
170 26.2 19.6 29.4



#56
2,4-Dinitrotoluene
Concen: 7.202 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

Tgt Ion:165 Resp: 23090
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF106382.D

Acq: 13 Jun 2018 9:18

Instrument :

BNA_F

ClientSampled :

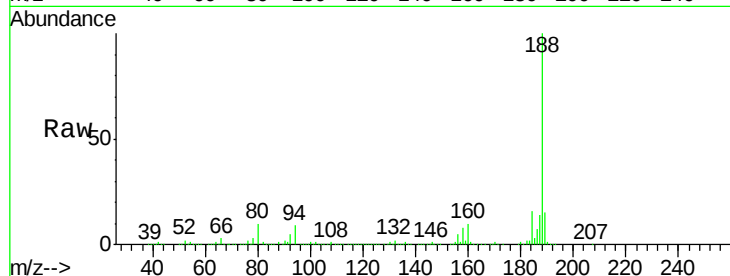
Tot Ion:188 Resp: 354566

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

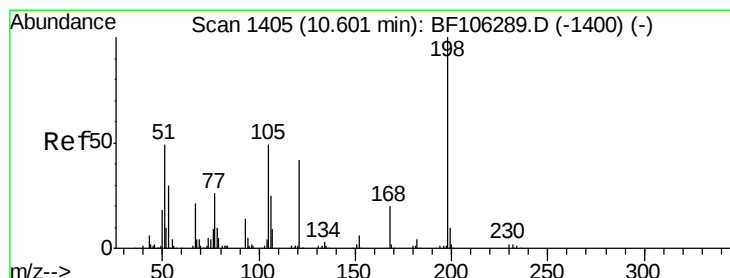
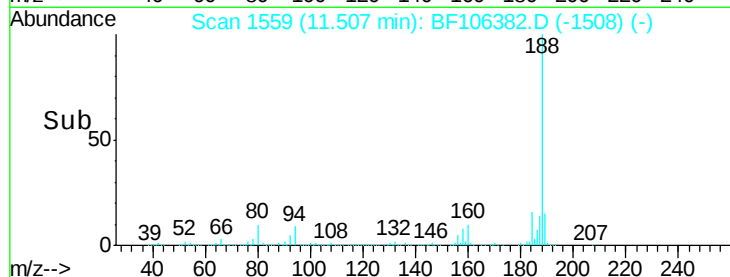
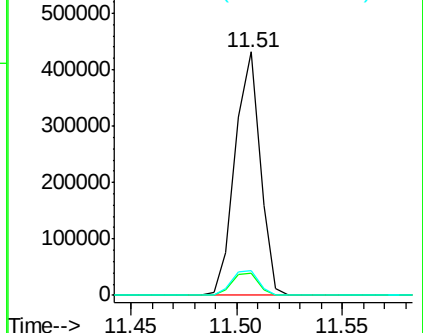
80 10.2 9.2 13.8



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: 6.499 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.21 min

Lab File: BF106382.D

Acq: 13 Jun 2018 9:18

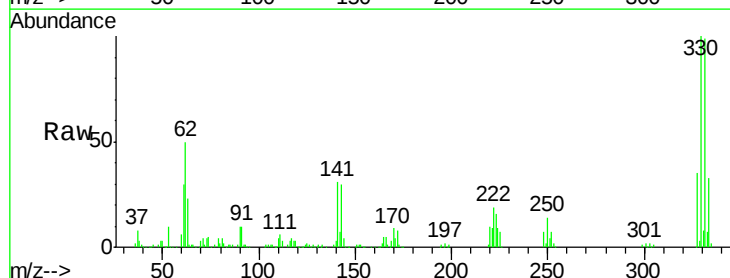
Tgt Ion:198 Resp: 450

Ion Ratio Lower Upper

198 100

51 194.0 37.7 77.7#

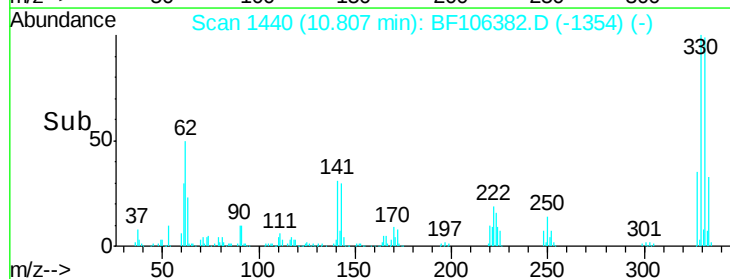
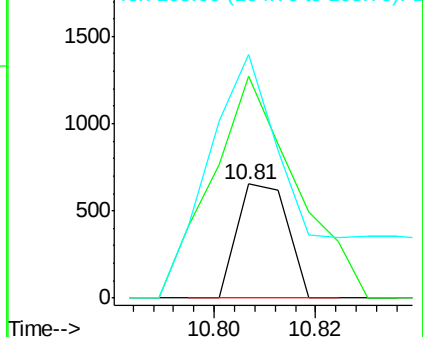
105 213.3 36.3 76.3#

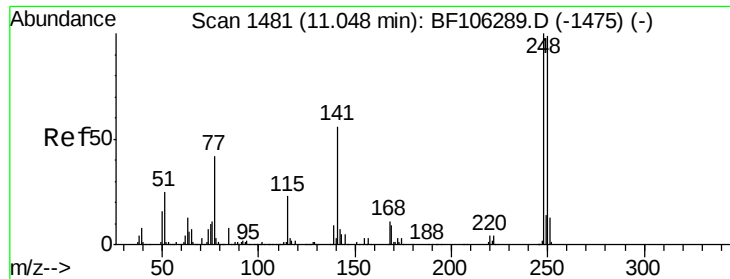


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

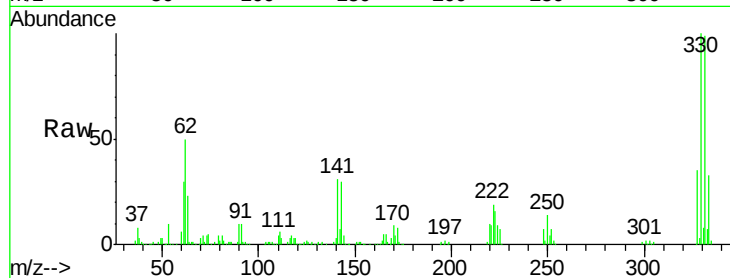




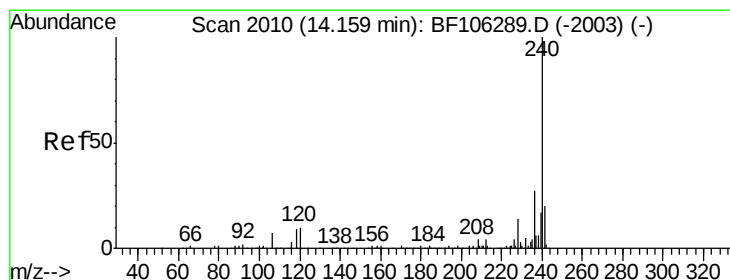
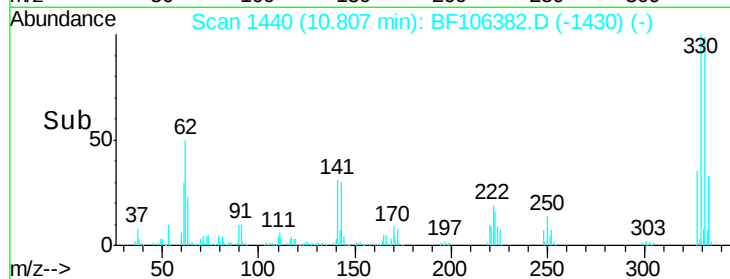
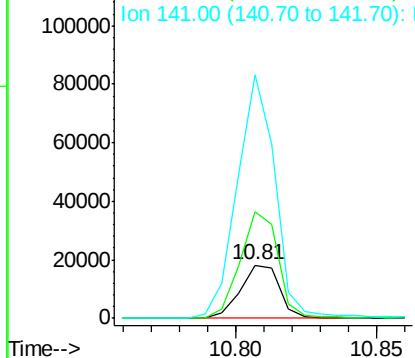
#66
4-Bromophenyl-phenylether
Concen: 4.289 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17296
Ion Ratio Lower Upper
248 100
250 200.8 76.9 115.3#
141 455.9 74.4 111.6#

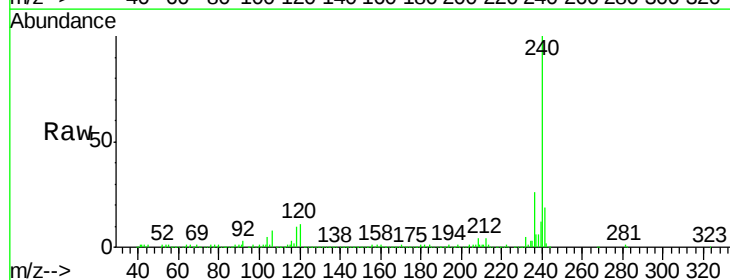


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

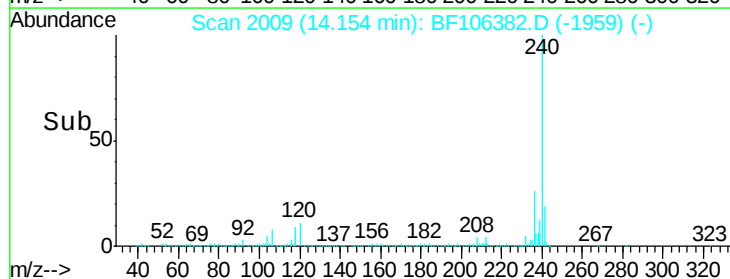
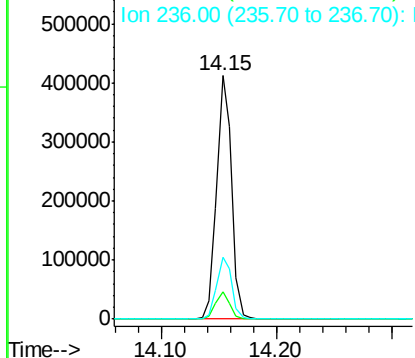


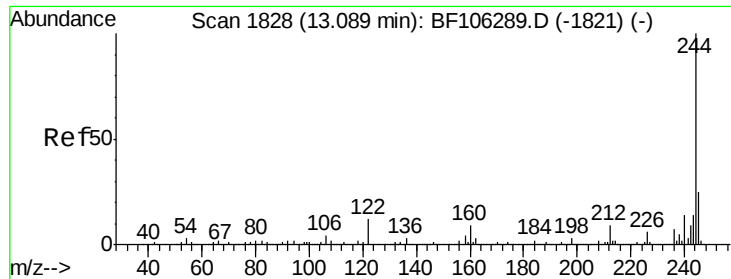
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

Tgt Ion:240 Resp: 369284
Ion Ratio Lower Upper
240 100
120 11.2 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

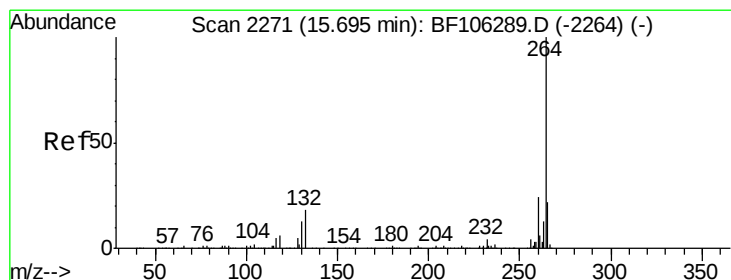
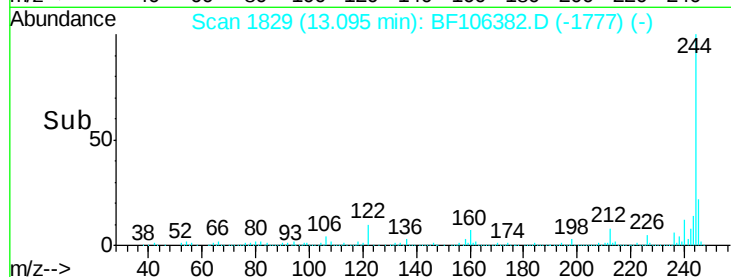
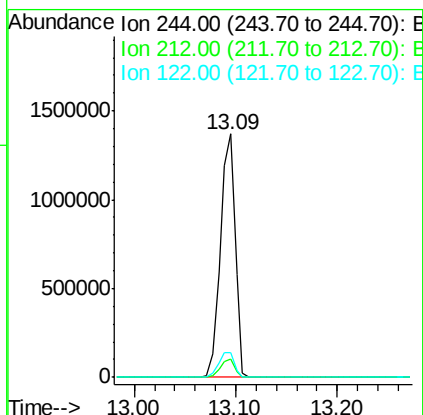
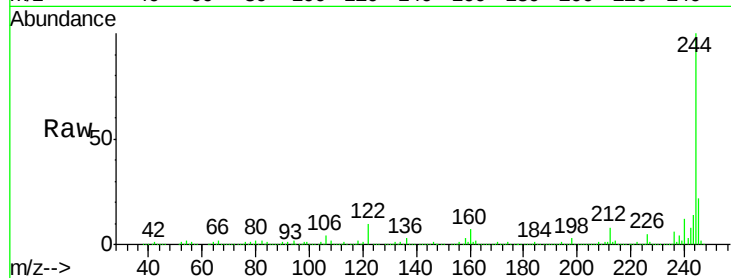




#78
 Terphenyl-d14
 Concen: 93.288 ng
 RT: 13.09 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BF106382.D
 Acq: 13 Jun 2018 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1386993
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.0
 122 10.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF106382.D
 Acq: 13 Jun 2018 9:18

Tgt Ion:264 Resp: 261084
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.1 17.5 26.3

