

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106381.D
 Acq On : 13 Jun 2018 8:51
 Operator : JU/SJ
 Sample : J3396-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 10:44:29 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

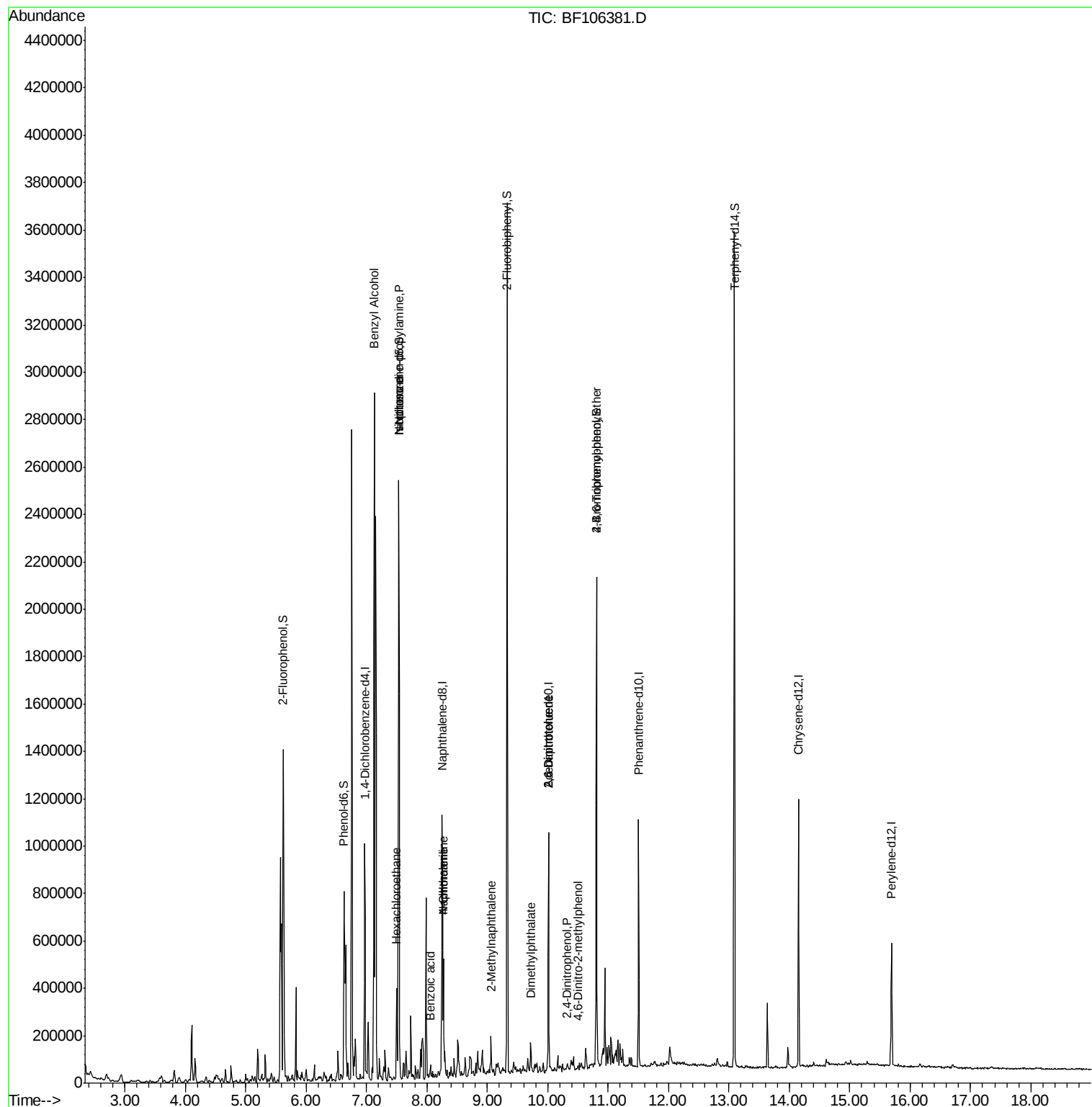
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	131516	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	431623	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	181013	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	359381	20.00	ng	0.00
75) Chrysene-d12	14.15	240	361841	20.00	ng	0.00
86) Perylene-d12	15.69	264	254348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	495281	63.74	ng	0.04
7) Phenol-d6	6.63	99	361638	36.84	ng	0.04
23) Nitrobenzene-d5	7.54	82	726526	99.02	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	283117	162.56	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1123835	128.93	ng	0.00
78) Terphenyl-d14	13.10	244	1336906	91.77	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.13	79	17369	2.066	ng	Qvalue # 41
18) Hexachloroethane	7.50	117	31236	8.784	ng	# 1
19) n-Nitroso-di-n-propylamine	7.54	70	98558	13.381	ng	# 75
25) Isophorone	7.54	82	726303	50.681	ng	# 64
31) Naphthalene	8.28	128	164899	8.451	ng	99
32) Benzoic acid	8.05	122	1198	7.516	ng	93
33) 4-Chloroaniline	8.28	127	22809	2.638	ng	# 35
37) 2-Methylnaphthalene	9.07	142	32986	2.482	ng	# 93
49) Dimethylphthalate	9.72	163	35014	2.707	ng	98
50) 2,6-Dinitrotoluene	10.01	165	24426	9.246	ng	# 27
53) 2,4-Dinitrophenol	10.33	184	107	8.693	ng	# 39
56) 2,4-Dinitrotoluene	10.01	165	24426	7.363	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.51	198	120	6.349	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	18961	4.639	ng	# 1

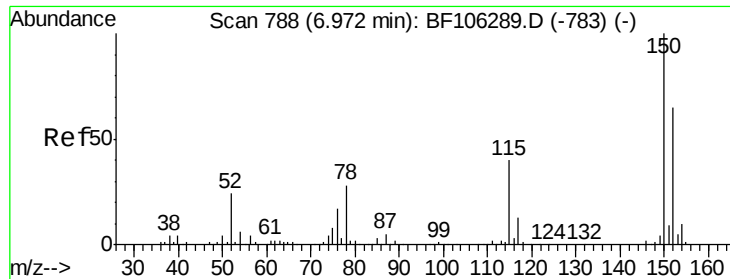
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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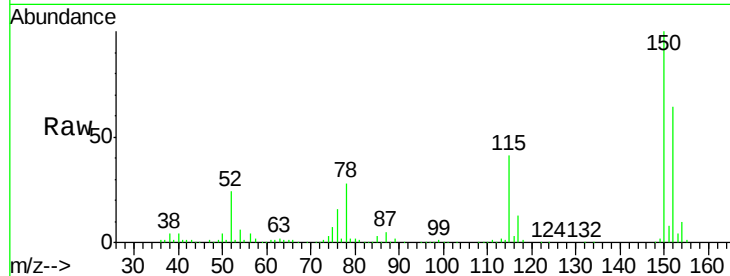




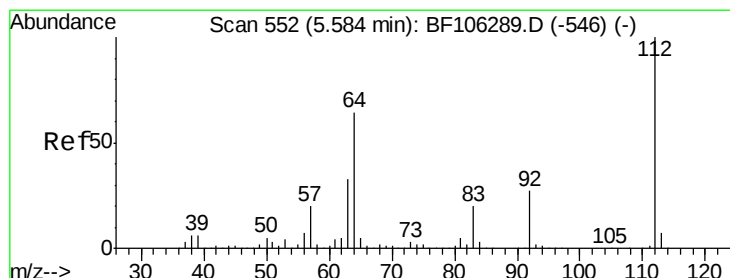
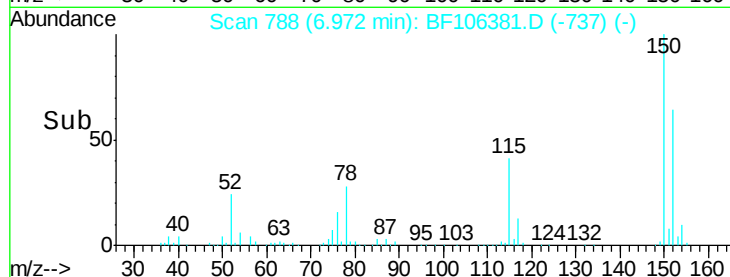
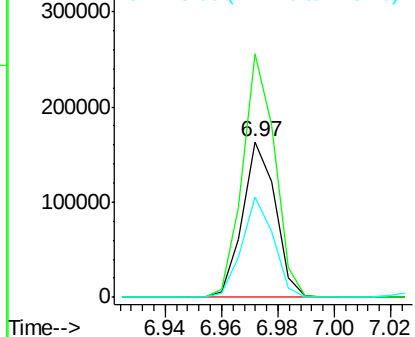
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF106381.D
 Acq: 13 Jun 2018 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 131516
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.6 186.8
 115 64.2 50.1 75.1

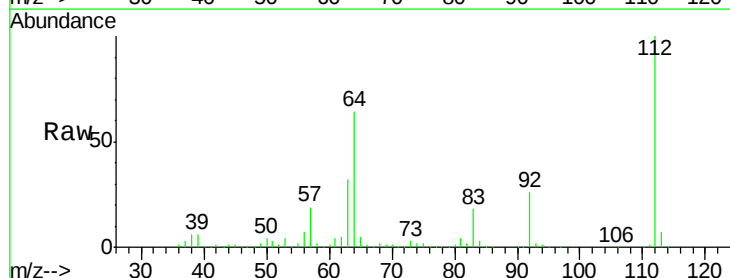


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

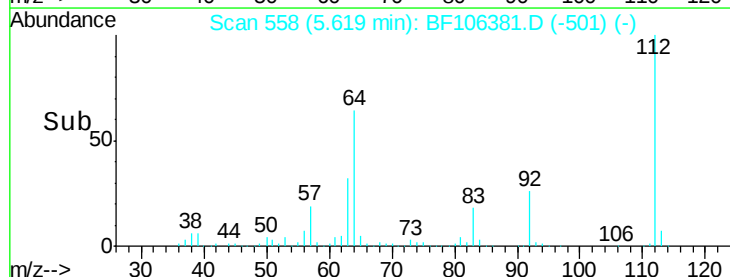
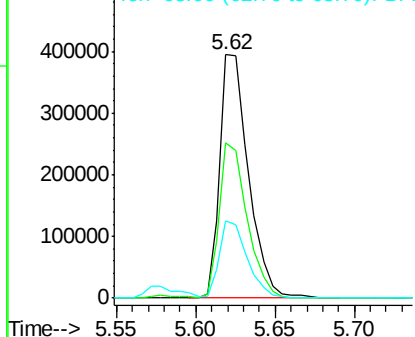


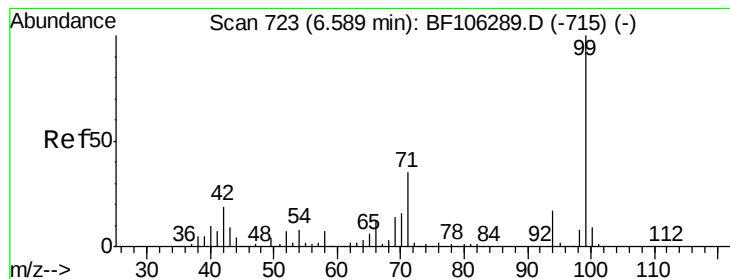
#5
 2-Fluorophenol
 Concen: 63.738 ng
 RT: 5.62 min Scan# 558
 Delta R.T. 0.04 min
 Lab File: BF106381.D
 Acq: 13 Jun 2018 8:51

Tgt Ion:112 Resp: 495281
 Ion Ratio Lower Upper
 112 100
 64 63.7 47.9 71.9
 63 31.7 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: 36.837 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.04 min

Lab File: BF106381.D

Acq: 13 Jun 2018 8:51

Instrument :

BNA_F

ClientSampleId :

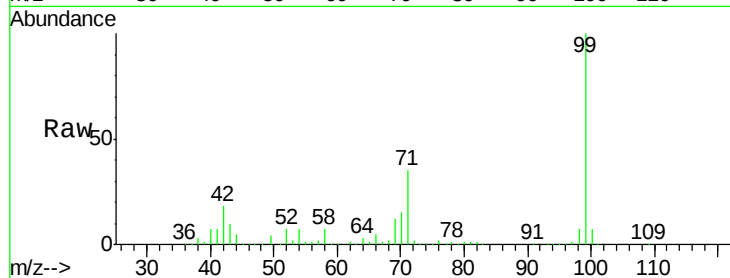
Tot Ion: 99 Resp: 361638

Ion Ratio Lower Upper

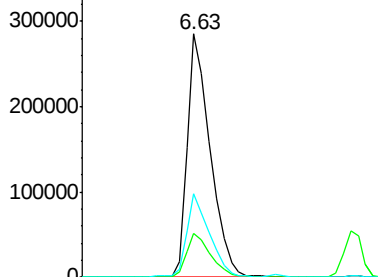
99 100

42 18.2 14.5 21.7

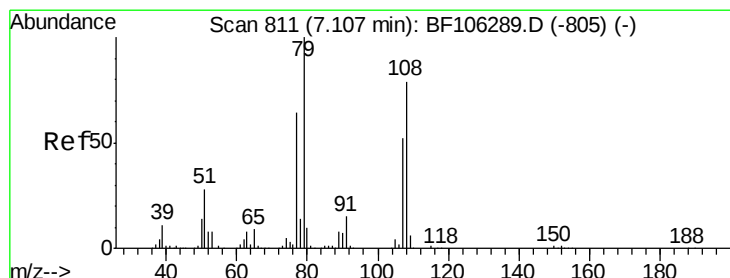
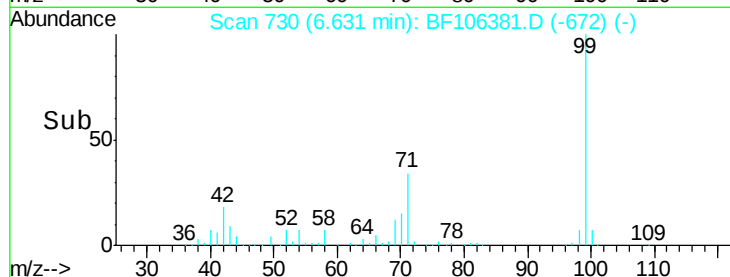
71 34.5 25.4 38.0



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



Time-->



#15

Benzyl Alcohol

Concen: 2.066 ng

RT: 7.13 min Scan# 815

Delta R.T. 0.02 min

Lab File: BF106381.D

Acq: 13 Jun 2018 8:51

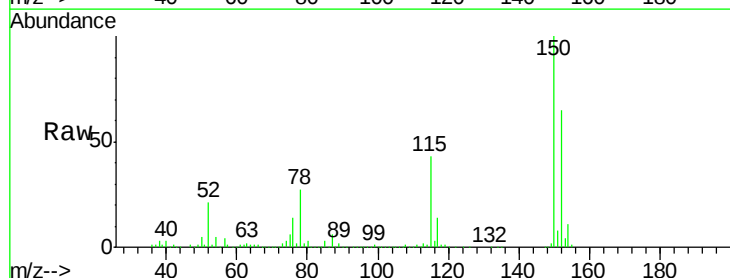
Tgt Ion: 79 Resp: 17369

Ion Ratio Lower Upper

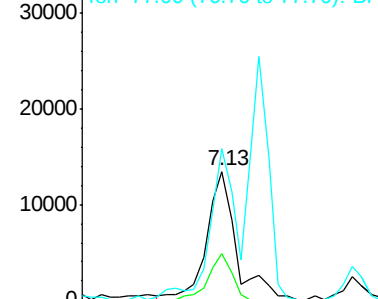
79 100

108 36.2 65.1 97.7#

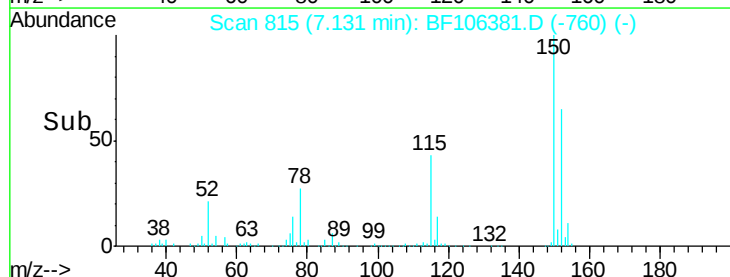
77 117.0 50.6 75.8#

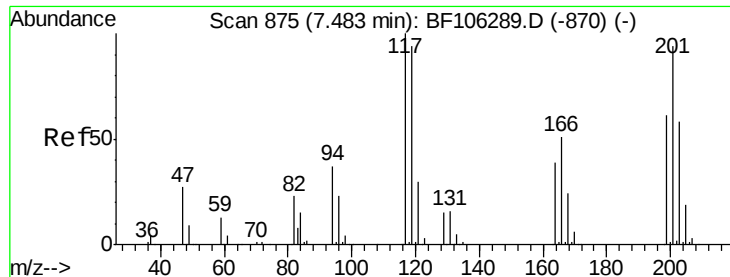


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



Time-->

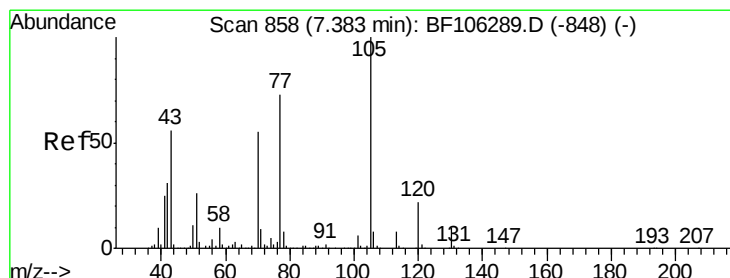
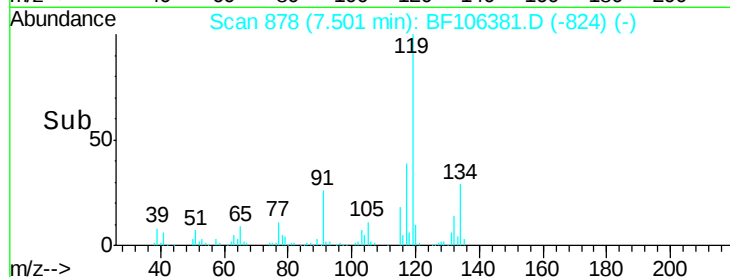
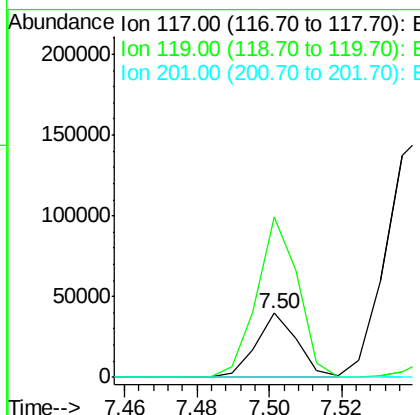
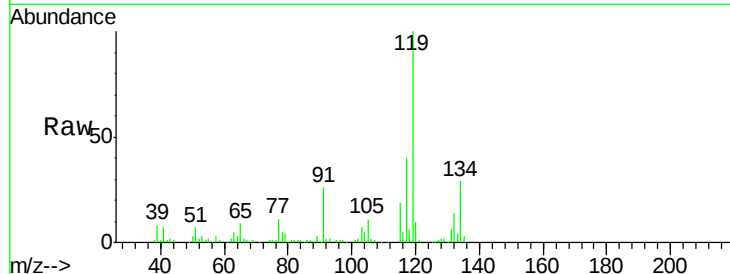




#18
Hexachloroethane
Concen: 8.784 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.02 min
Lab File: BF106381.D
Acq: 13 Jun 2018 8:51

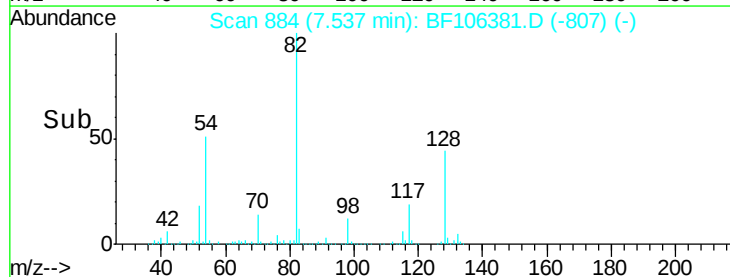
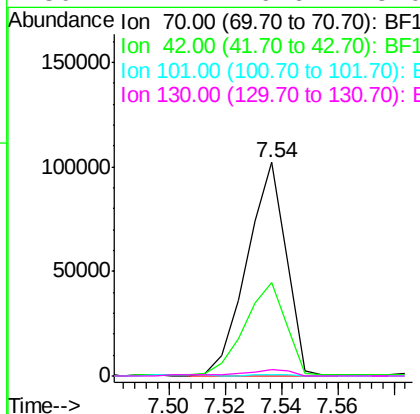
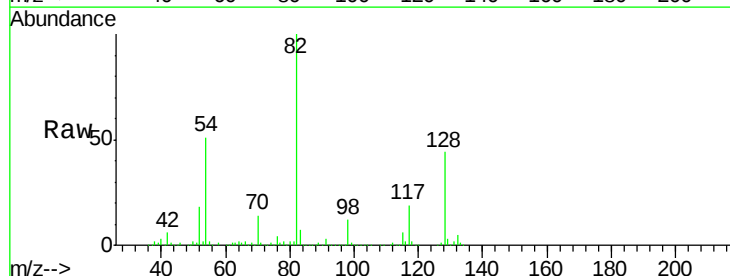
Instrument :
BNA_F
ClientSampleId :

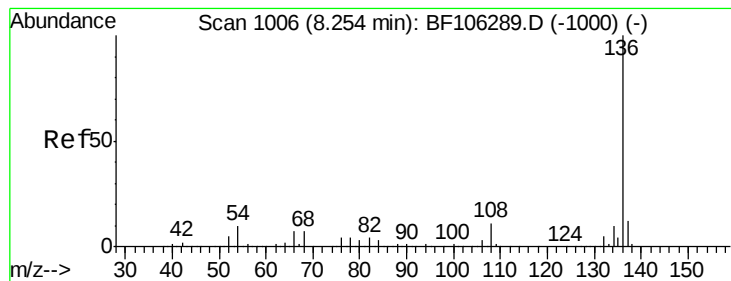
Tot Ion:117 Resp: 31236
Ion Ratio Lower Upper
117 100
119 251.6 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.381 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF106381.D
Acq: 13 Jun 2018 8:51

Tgt Ion: 70 Resp: 98558
Ion Ratio Lower Upper
70 100
42 43.8 47.5 71.3#
101 0.7 7.4 11.2#
130 2.7 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: BF106381.D

Acq: 13 Jun 2018 8:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 431623

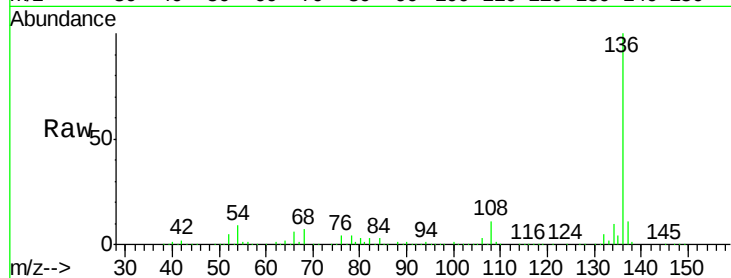
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.8 6.6 9.8

68 6.7 5.0 7.4

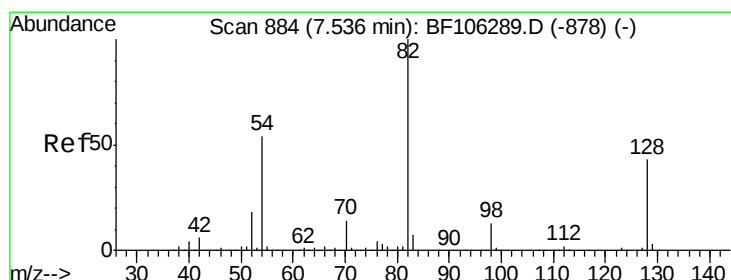
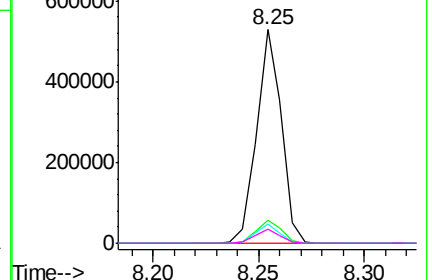
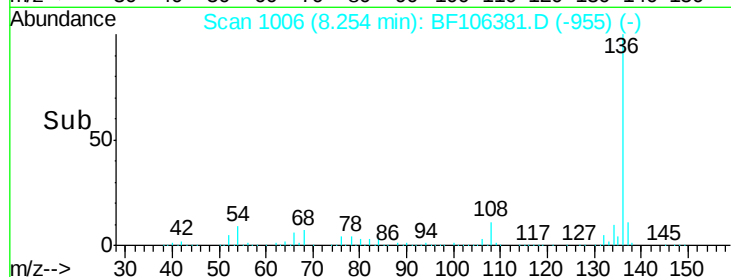


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.023 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF106381.D

Acq: 13 Jun 2018 8:51

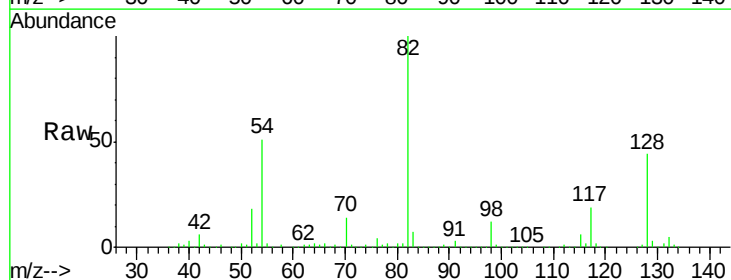
Tgt Ion: 82 Resp: 726526

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

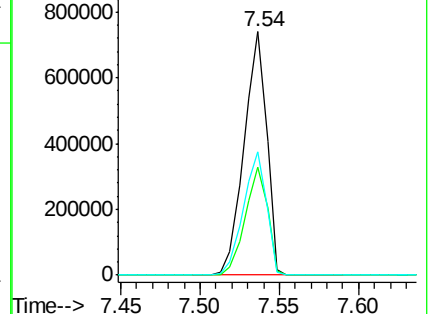
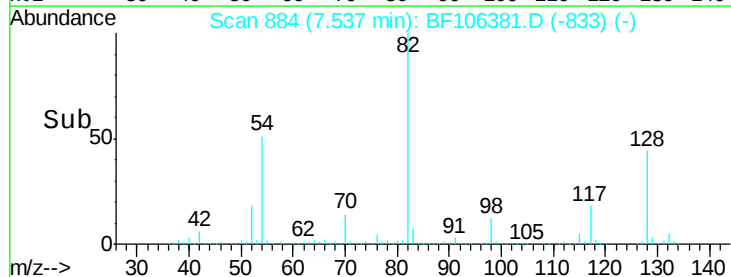
54 50.7 41.4 62.2

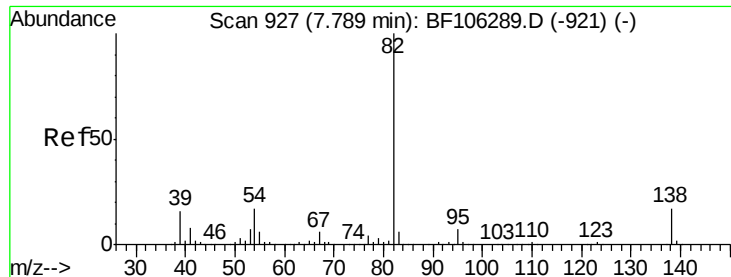


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.681 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.25 min

Lab File: BF106381.D

Acq: 13 Jun 2018 8:51

Instrument :

BNA_F

ClientSampleId :

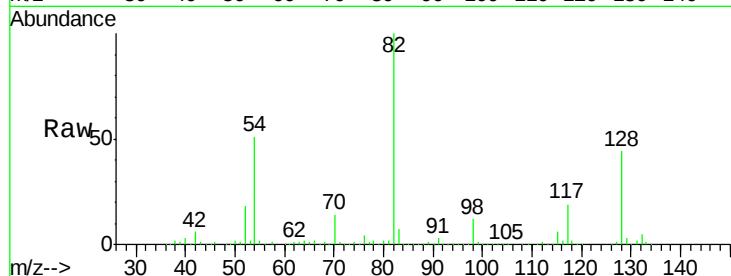
Tot Ion: 82 Resp: 726303

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

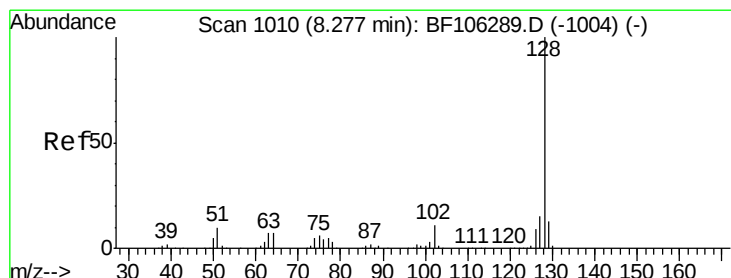
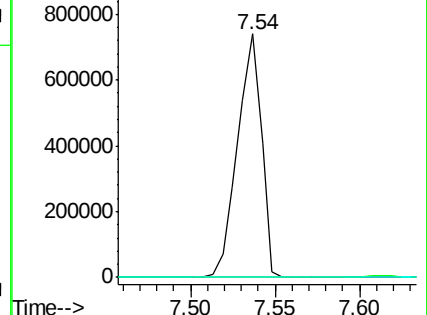
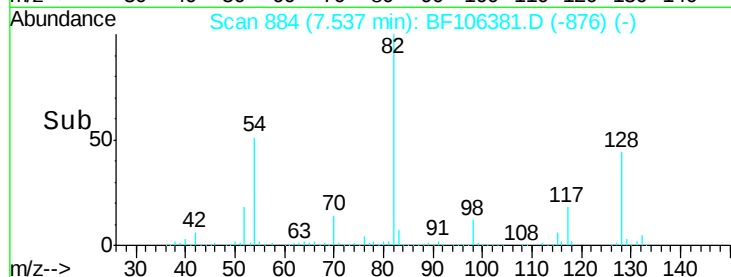
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 8.451 ng

RT: 8.28 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF106381.D

Acq: 13 Jun 2018 8:51

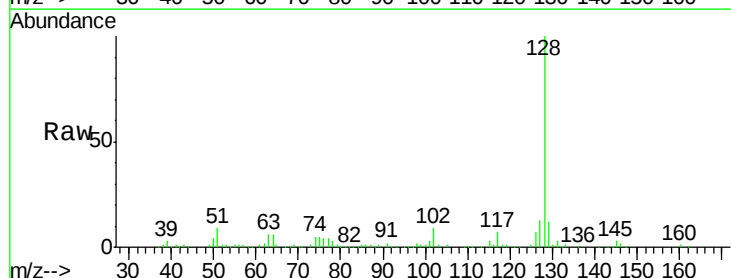
Tgt Ion: 128 Resp: 164899

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

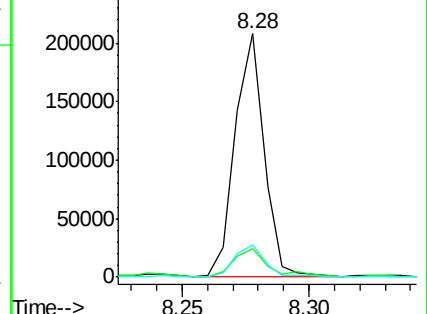
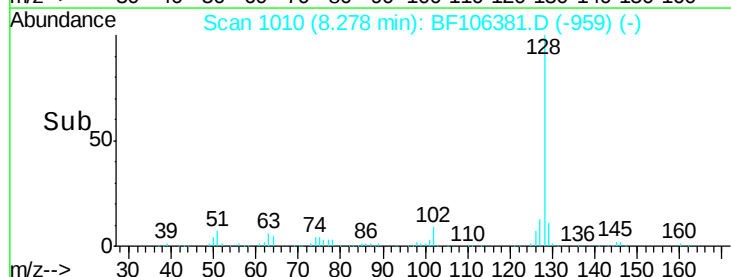
127 13.3 10.9 16.3

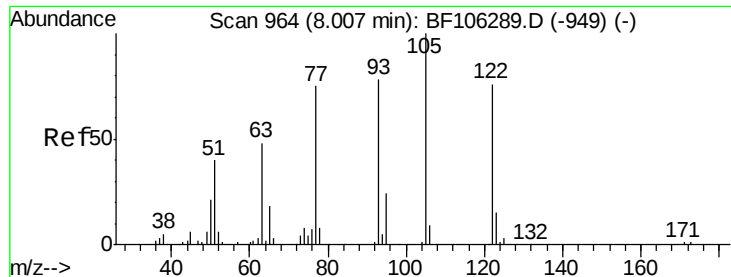


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.516 ng

RT: 8.05 min Scan# 972

Delta R.T. 0.05 min

Lab File: BF106381.D

Acq: 13 Jun 2018 8:51

Instrument :

BNA_F

ClientSampleId :

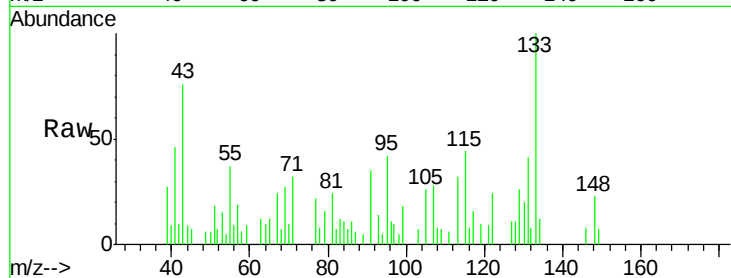
Tot Ion:122 Resp: 1198

Ion Ratio Lower Upper

122 100

105 108.3 101.1 141.1

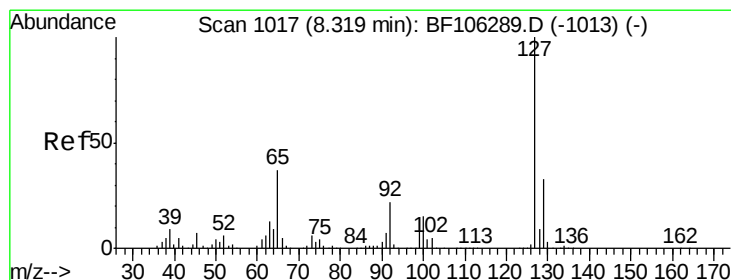
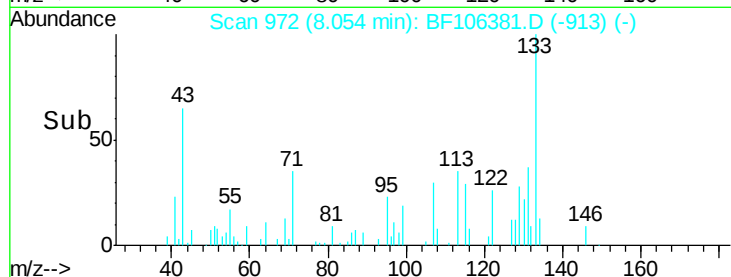
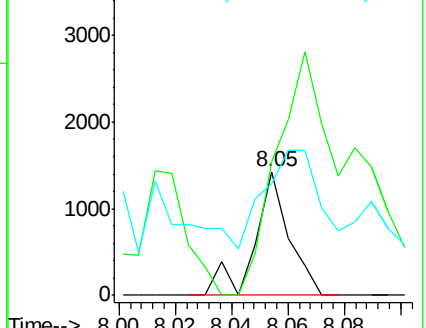
77 90.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 2.638 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.04 min

Lab File: BF106381.D

Acq: 13 Jun 2018 8:51

Tgt Ion:127 Resp: 22809

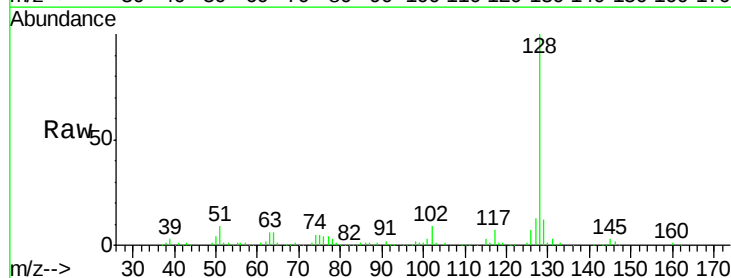
Ion Ratio Lower Upper

127 100

129 88.4 25.9 38.9#

65 6.3 25.0 37.4#

92 1.5 15.2 22.8#

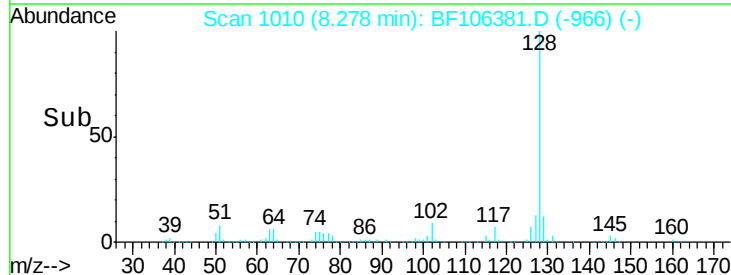
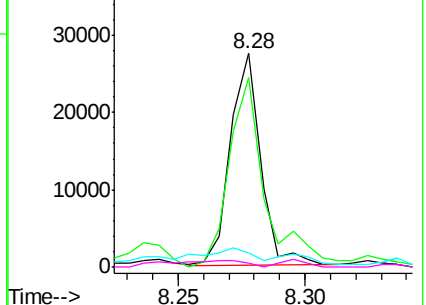


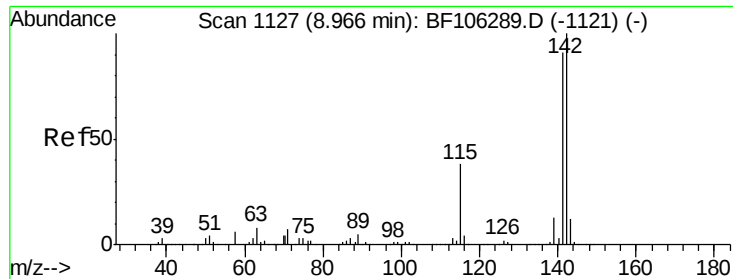
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

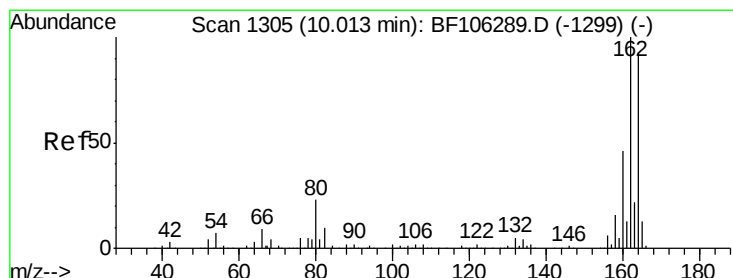
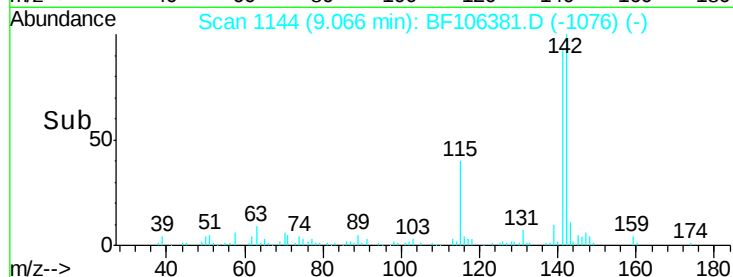
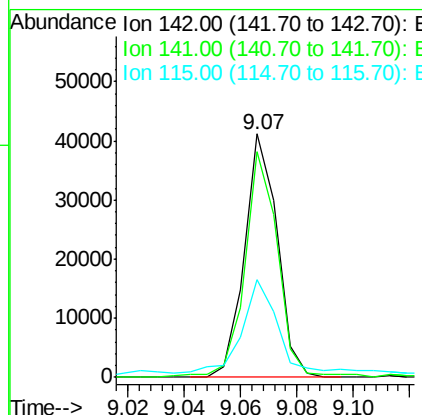
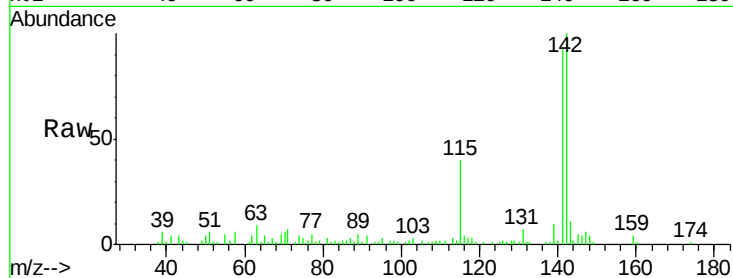




#37
 2-Methylnaphthalene
 Concen: 2.482 ng
 RT: 9.07 min Scan# 1144
 Delta R.T. 0.10 min
 Lab File: BF106381.D
 Acq: 13 Jun 2018 8:51

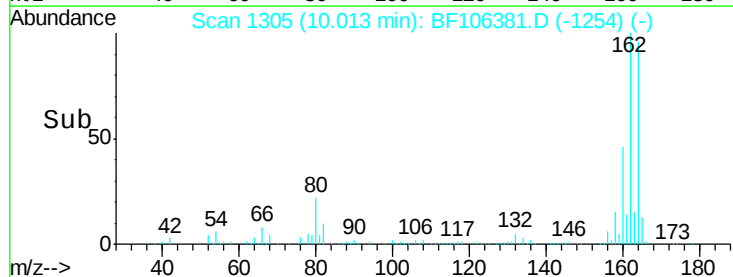
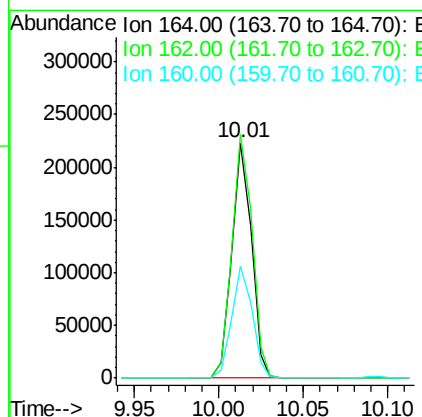
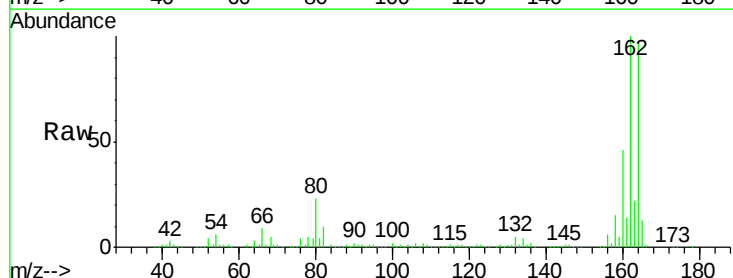
Instrument :
 BNA_F
 ClientSampleId :

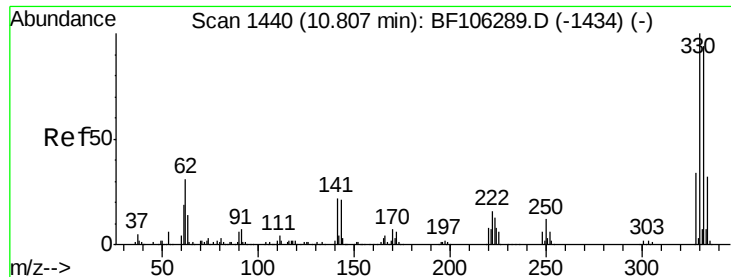
Tot Ion:142 Resp: 32986
 Ion Ratio Lower Upper
 142 100
 141 92.7 70.8 106.2
 115 39.9 26.1 39.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF106381.D
 Acq: 13 Jun 2018 8:51

Tgt Ion:164 Resp: 181013
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 47.6 38.3 57.5

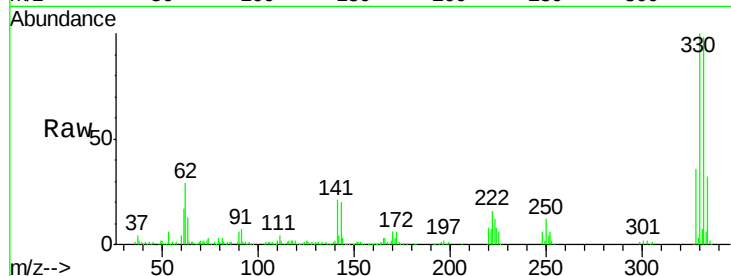




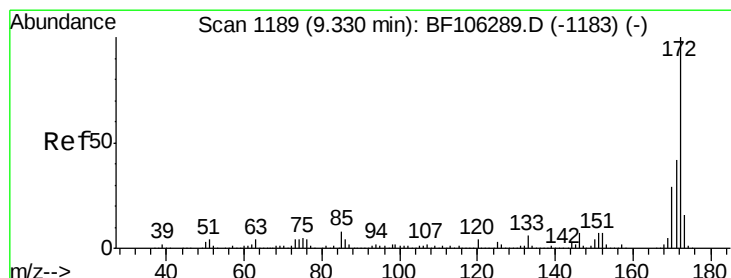
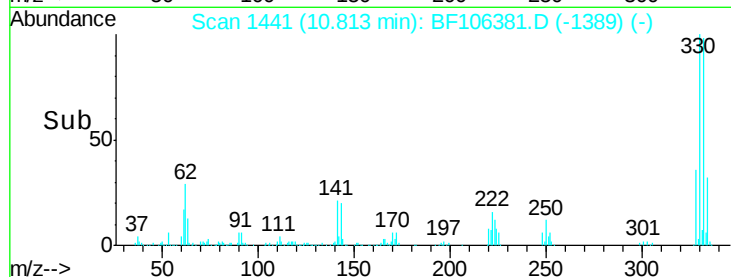
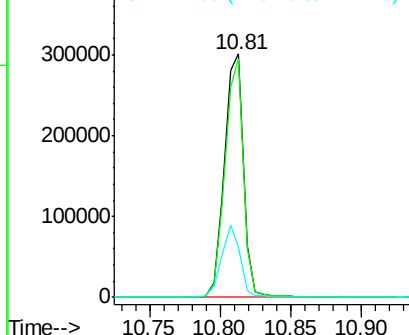
#41
 2,4,6-Tribromophenol
 Concen: 162.556 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF106381.D
 Acq: 13 Jun 2018 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	28.5	29.9	44.9#

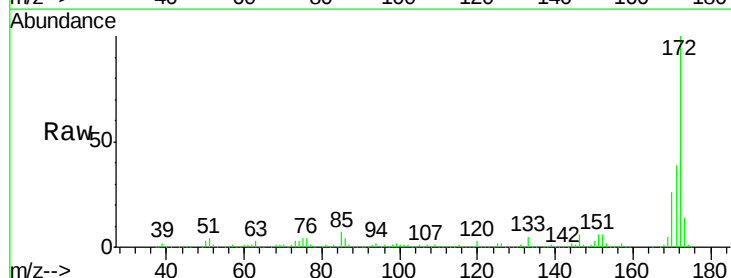


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

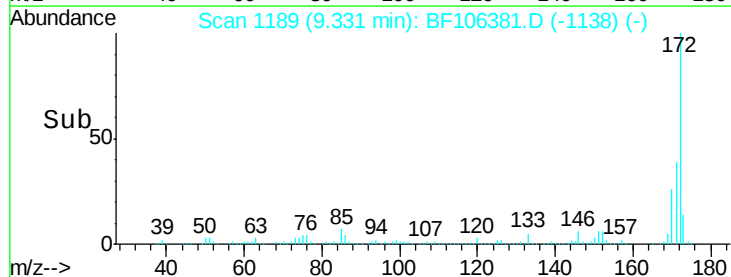
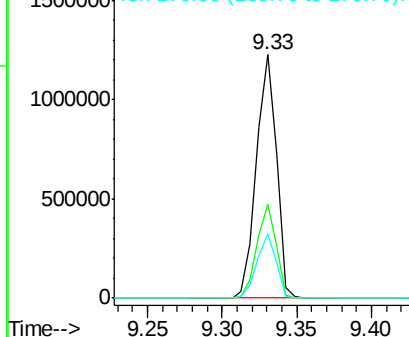


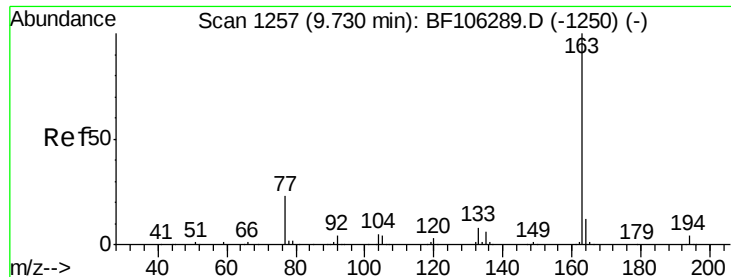
#44
 2-Fluorobiphenyl
 Concen: 128.930 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106381.D
 Acq: 13 Jun 2018 8:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.7	44.5
170	26.4	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

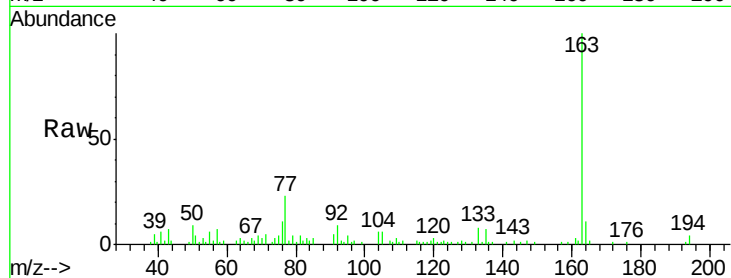




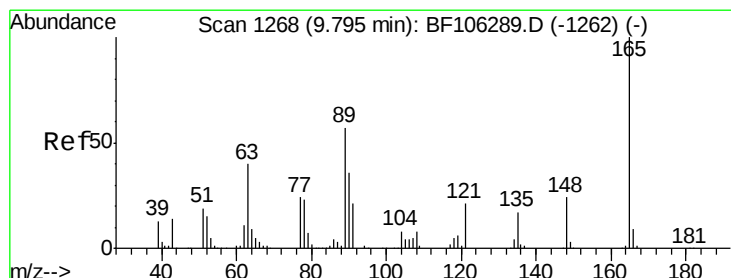
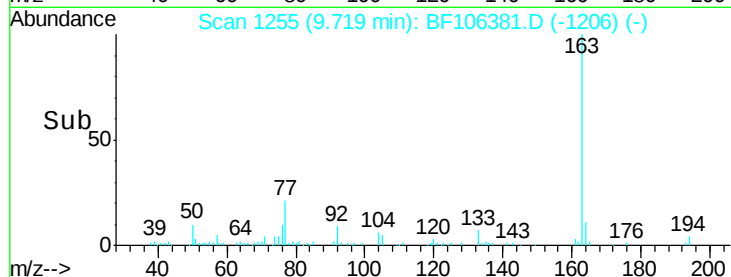
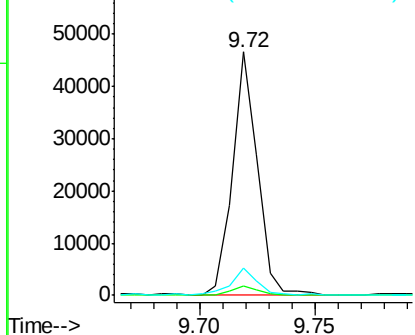
#49
Dimethylphthalate
Concen: 2.707 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106381.D
Acq: 13 Jun 2018 8:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 35014
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.2 8.2 12.2

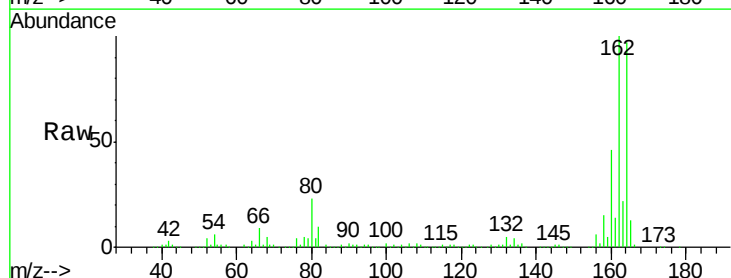


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

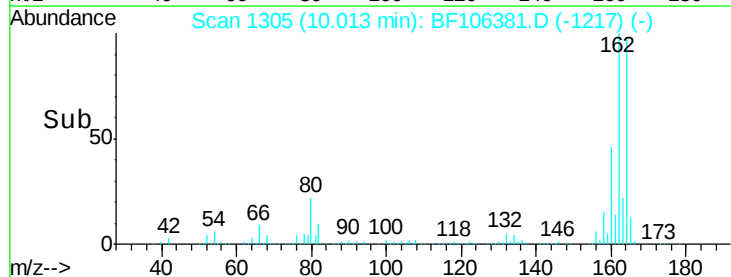
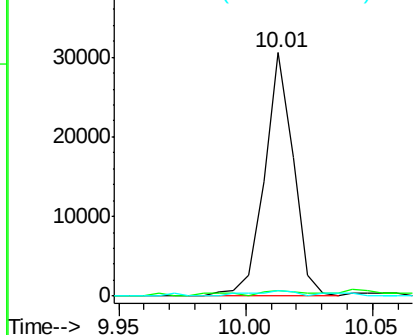


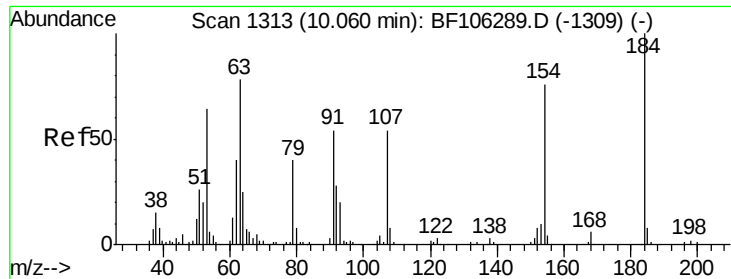
#50
2,6-Dinitrotoluene
Concen: 9.246 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.22 min
Lab File: BF106381.D
Acq: 13 Jun 2018 8:51

Tgt Ion:165 Resp: 24426
Ion Ratio Lower Upper
165 100
63 2.4 44.7 67.1#
89 2.1 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#53

2,4-Dinitrophenol

Concen: 8.693 ng

RT: 10.33 min Scan# 1359

Delta R.T. 0.27 min

Lab File: BF106381.D

Acq: 13 Jun 2018 8:51

Instrument :

BNA_F

ClientSampled :

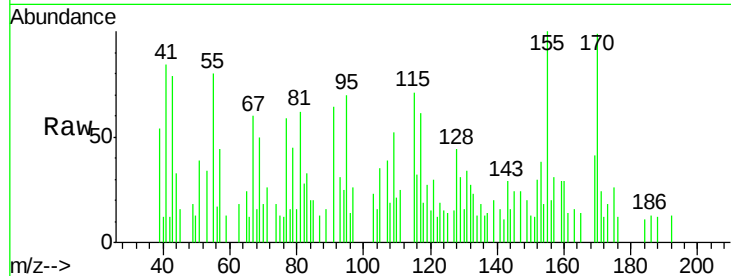
Tot Ion:184 Resp: 107

Ion Ratio Lower Upper

184 100

63 167.7 54.2 81.2#

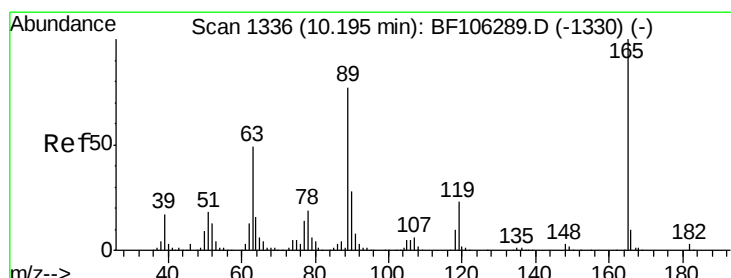
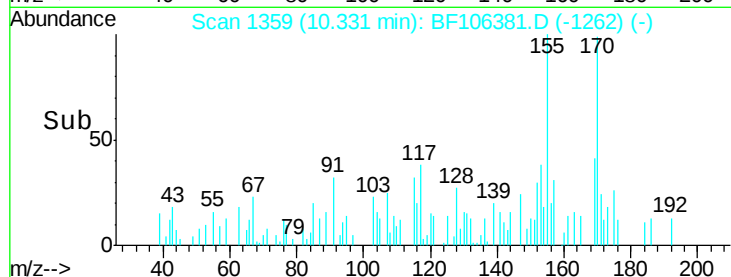
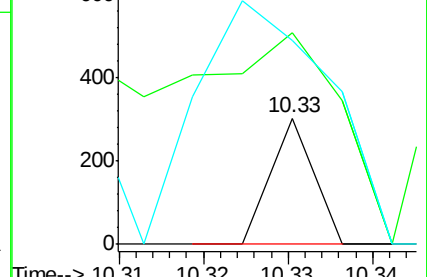
154 160.7 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#56

2,4-Dinitrotoluene

Concen: 7.363 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.18 min

Lab File: BF106381.D

Acq: 13 Jun 2018 8:51

Tgt Ion:165 Resp: 24426

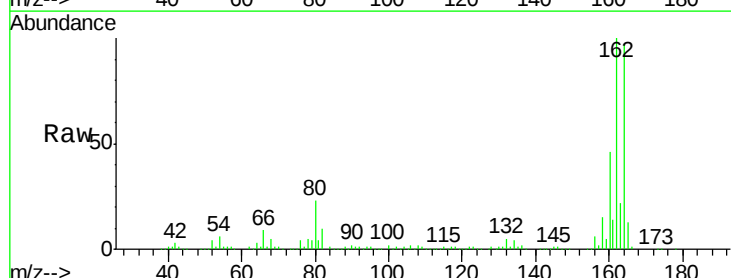
Ion Ratio Lower Upper

165 100

63 2.4 36.4 54.6#

89 2.1 57.8 86.6#

182 0.0 1.6 2.4#

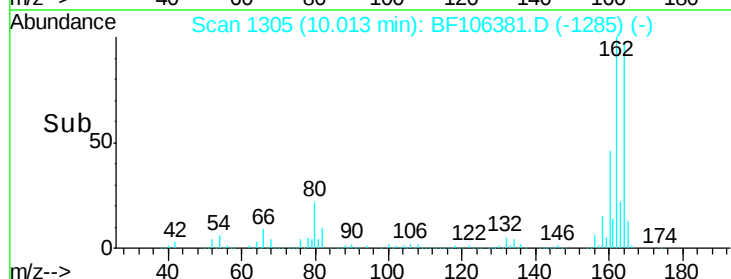
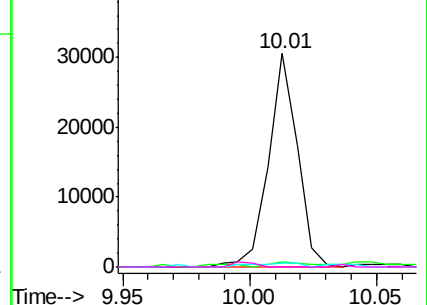


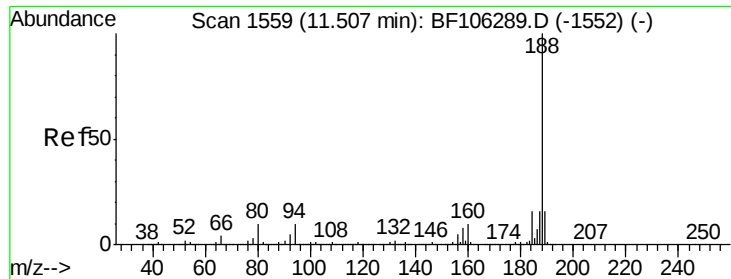
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF106381.D

Acq: 13 Jun 2018 8:51

Instrument :

BNA_F

ClientSampleId :

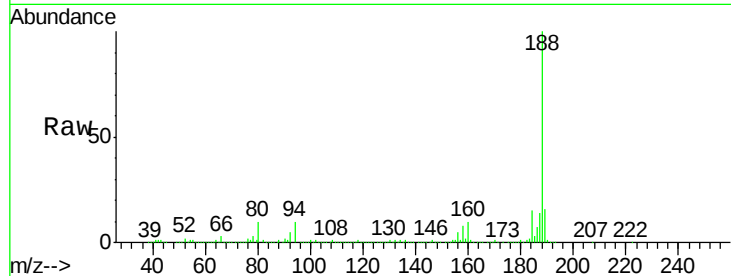
Tot Ion:188 Resp: 359381

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

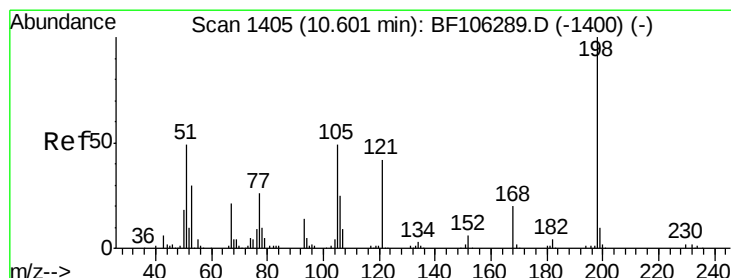
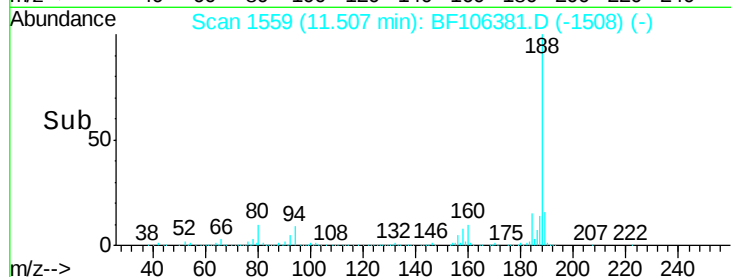
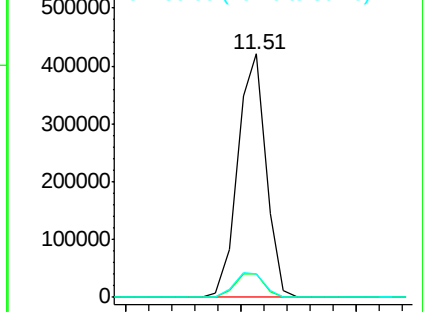
80 9.8 9.2 13.8



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: 6.349 ng

RT: 10.51 min Scan# 1389

Delta R.T. -0.09 min

Lab File: BF106381.D

Acq: 13 Jun 2018 8:51

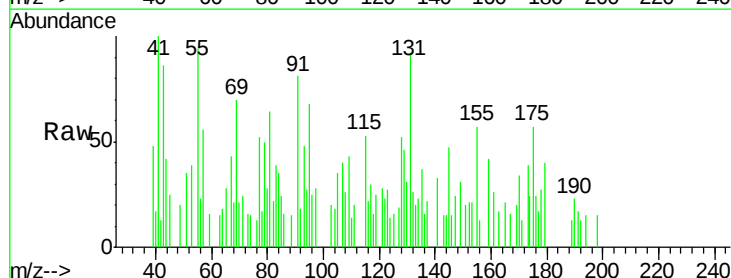
Tgt Ion:198 Resp: 120

Ion Ratio Lower Upper

198 100

51 240.2 37.7 77.7#

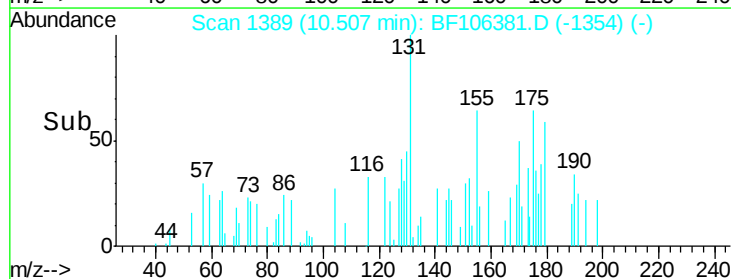
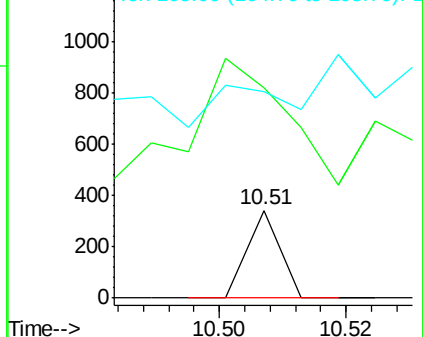
105 236.4 36.3 76.3#

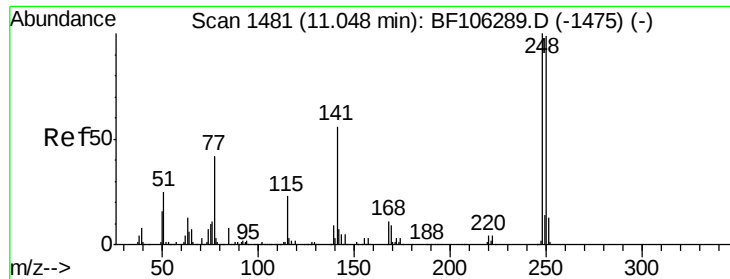


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

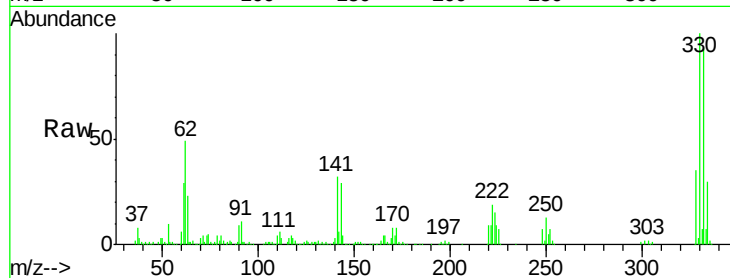




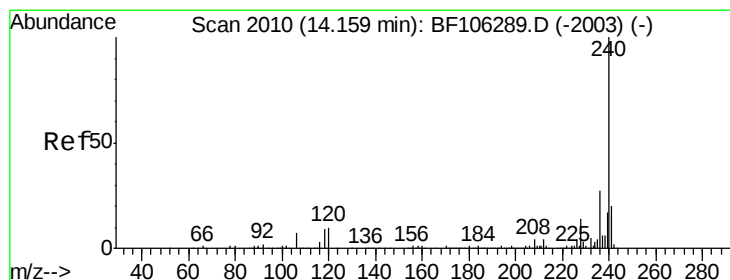
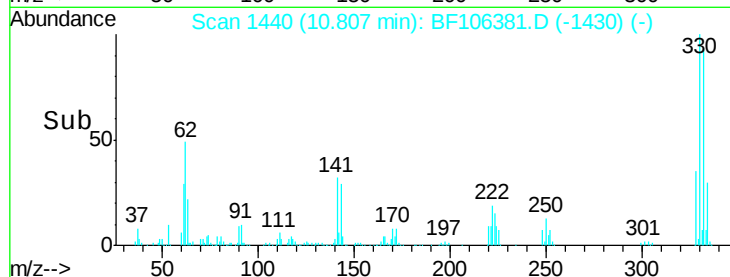
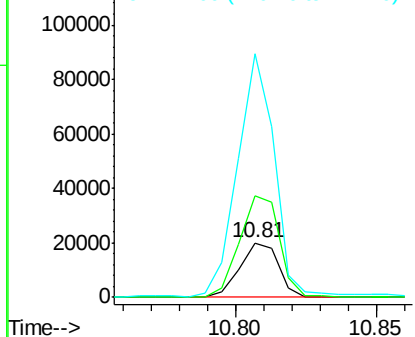
#66
 4-Bromophenyl-phenylether
 Concen: 4.639 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF106381.D
 Acq: 13 Jun 2018 8:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 18961
 Ion Ratio Lower Upper
 248 100
 250 187.7 76.9 115.3#
 141 447.8 74.4 111.6#

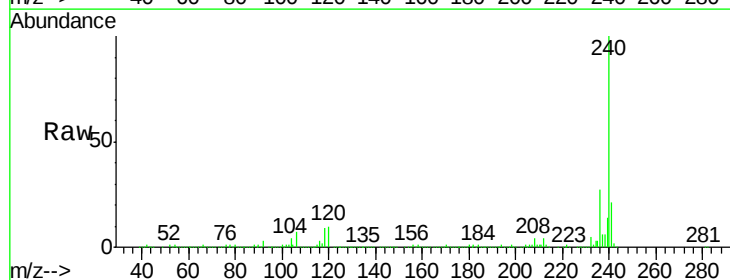


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

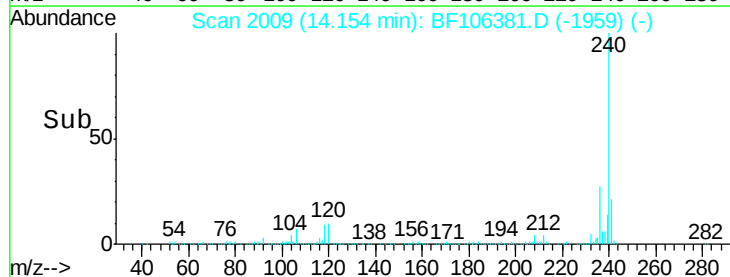
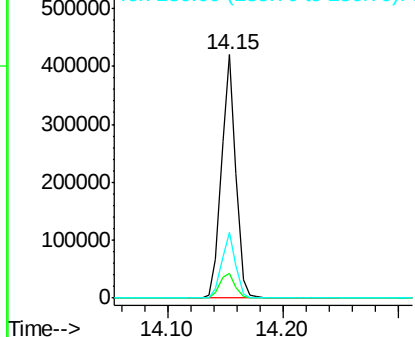


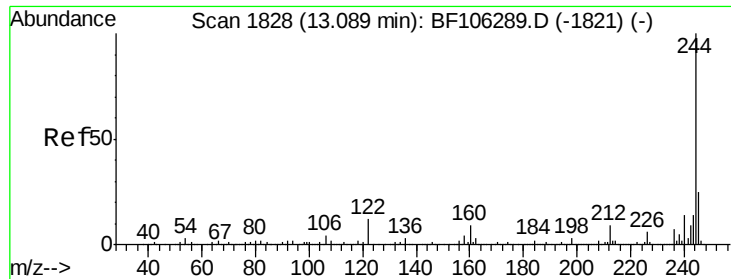
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF106381.D
 Acq: 13 Jun 2018 8:51

Tgt Ion:240 Resp: 361841
 Ion Ratio Lower Upper
 240 100
 120 10.4 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

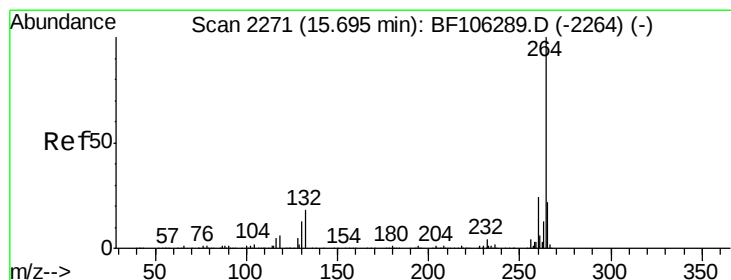
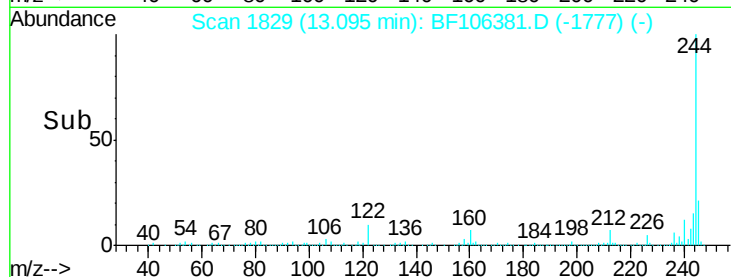
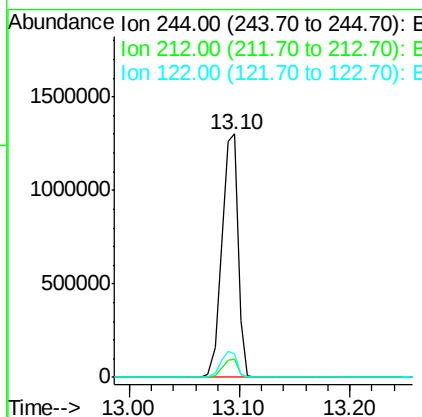
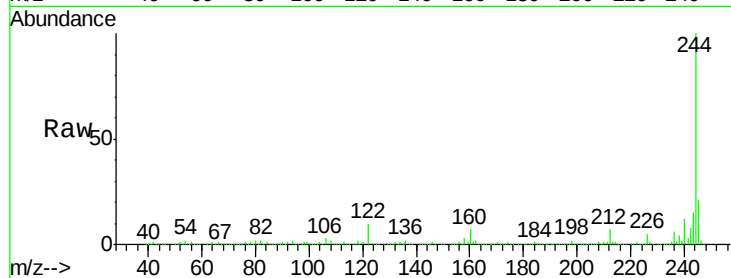




#78
 Terphenyl-d14
 Concen: 91.769 ng
 RT: 13.10 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BF106381.D
 Acq: 13 Jun 2018 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1336906
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 9.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF106381.D
 Acq: 13 Jun 2018 8:51

Tgt Ion:264 Resp: 254348
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.3 17.5 26.3

