

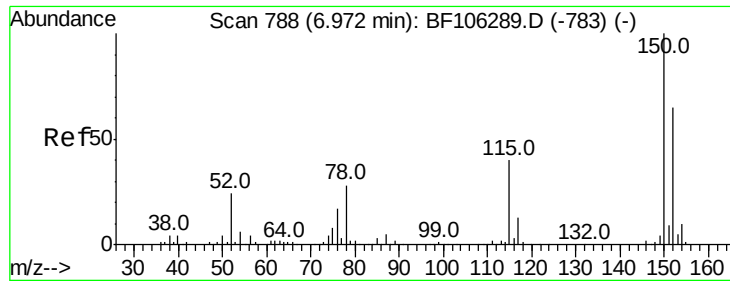
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106407.D
 Acq On : 13 Jun 2018 22:31
 Operator : JU/SJ
 Sample : J3465-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 02:22:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	153902	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	574619	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	270489	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	491033	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	370123	20.00	ng	-0.02
86) Perylene-d12	15.68	264	384527	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1010089	111.08	ng	-0.01
7) Phenol-d6	6.61	99	1240605	107.99	ng	-0.01
23) Nitrobenzene-d5	7.53	82	836316	85.62	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	344533	132.38	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1250430	80.82	ng	0.00
78) Terphenyl-d14	13.08	244	1113587	74.73	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	23290	2.673	ng	83
10) Phenol	6.62	94	38668	3.083	ng	77
19) n-Nitroso-di-n-propylamine	7.53	70	113843	13.208	ng	# 76
25) Isophorone	7.53	82	836296	43.834	ng	# 64
49) Dimethylphthalate	9.71	163	301630	15.608	ng	99
56) 2,4-Dinitrotoluene	10.01	165	33718	6.802	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	613	6.496	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	21850	3.912	ng	# 1

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

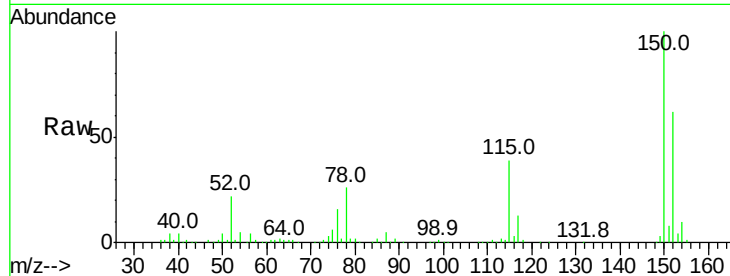


#1

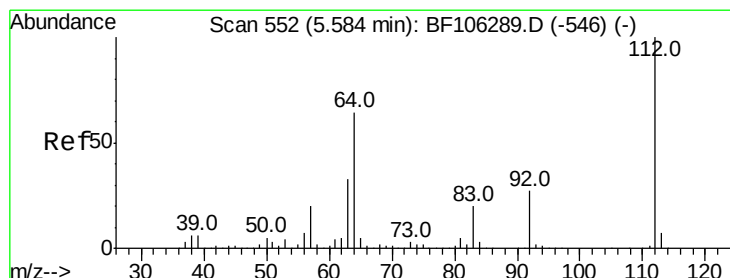
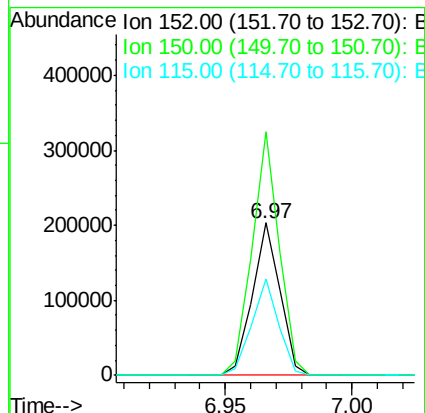
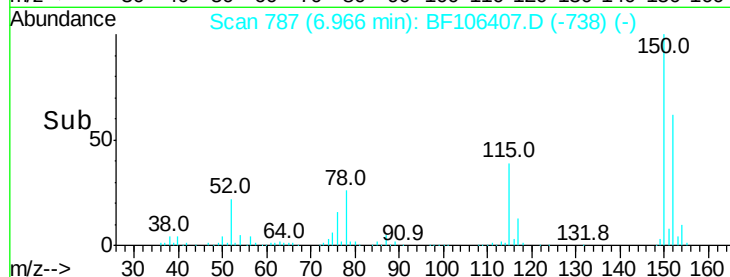
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106407.D
Acq: 13 Jun 2018 22:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 153902
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 63.1 50.1 75.1



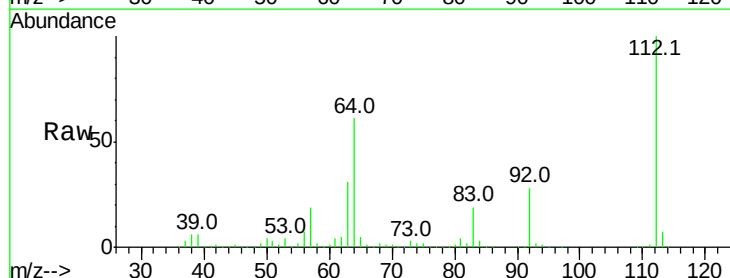
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



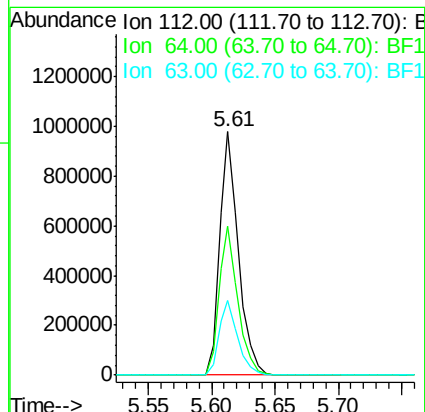
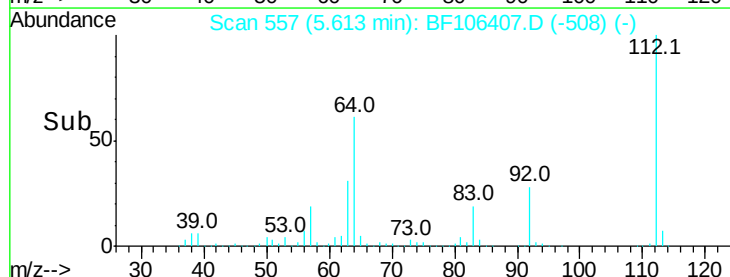
#5

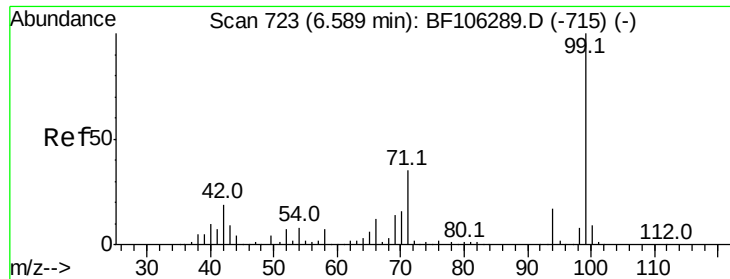
2-Fluorophenol
Concen: 111.082 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106407.D
Acq: 13 Jun 2018 22:31

Tgt Ion:112 Resp: 1010089
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 30.6 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: 107.988 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106407.D

Acq: 13 Jun 2018 22:31

Instrument :

BNA_F

ClientSampleId :

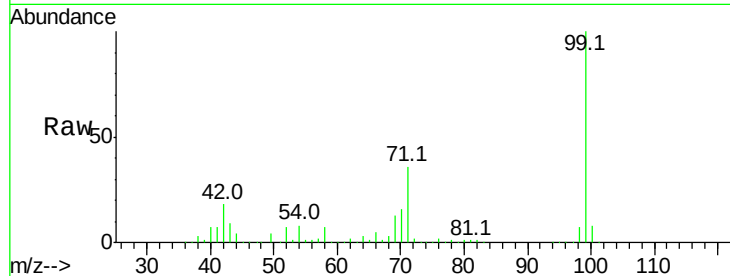
Tot Ion: 99 Resp: 1240605

Ion Ratio Lower Upper

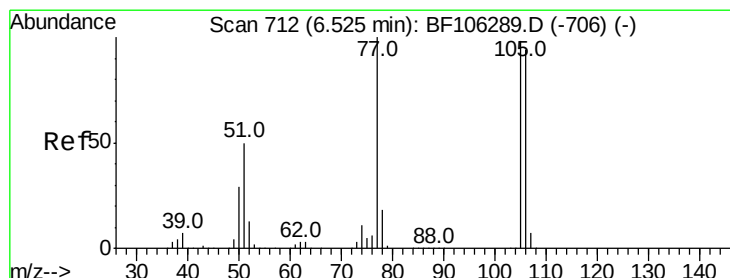
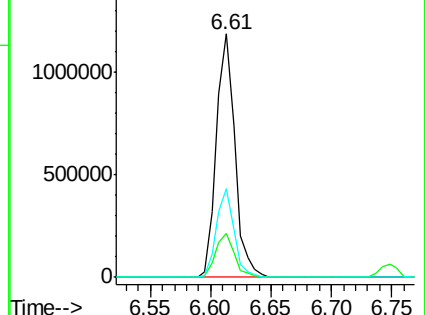
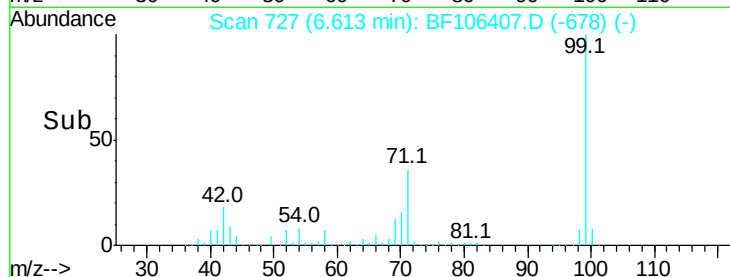
99 100

42 18.3 14.5 21.7

71 36.5 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



#9

Benzaldehyde

Concen: 2.673 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106407.D

Acq: 13 Jun 2018 22:31

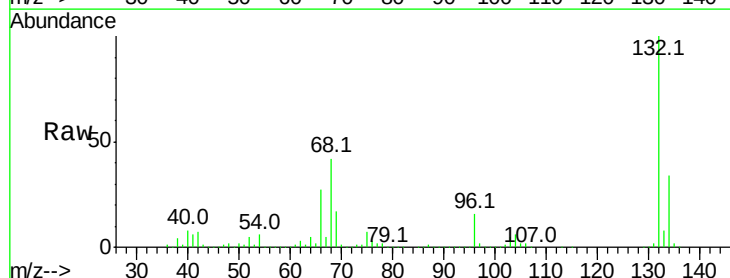
Tgt Ion: 77 Resp: 23290

Ion Ratio Lower Upper

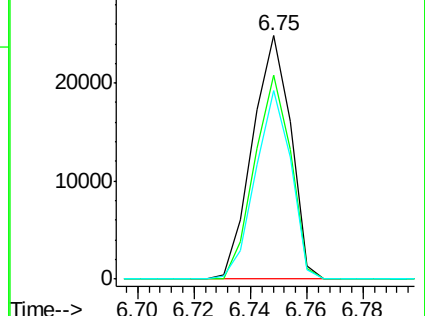
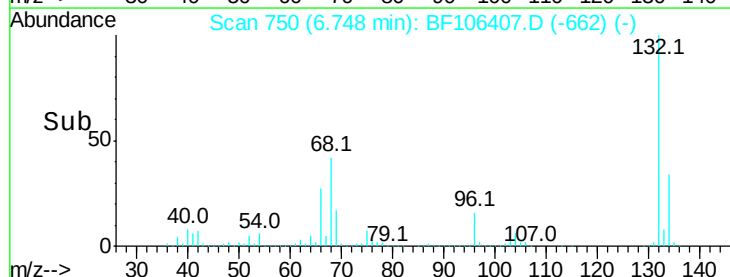
77 100

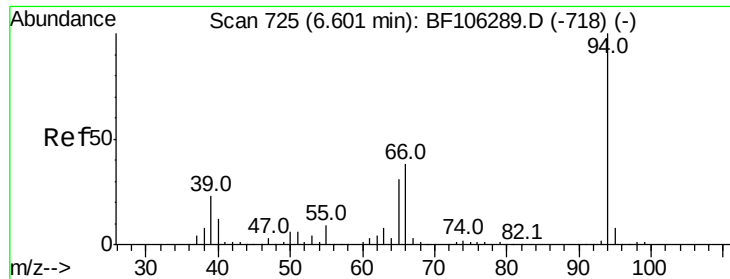
105 83.9 81.1 121.1

106 77.3 74.5 114.5



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





#10

Phenol

Concen: 3.083 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF106407.D

Acq: 13 Jun 2018 22:31

Instrument :

BNA_F

ClientSampleId :

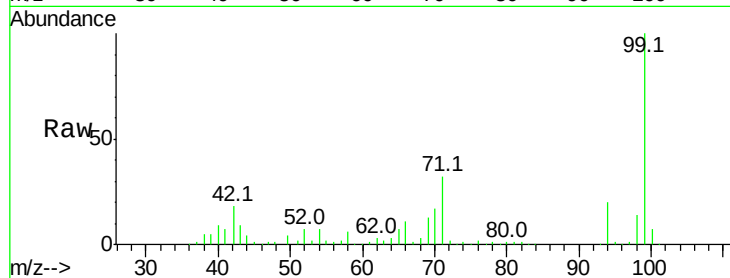
Tot Ion: 94 Resp: 38668

Ion Ratio Lower Upper

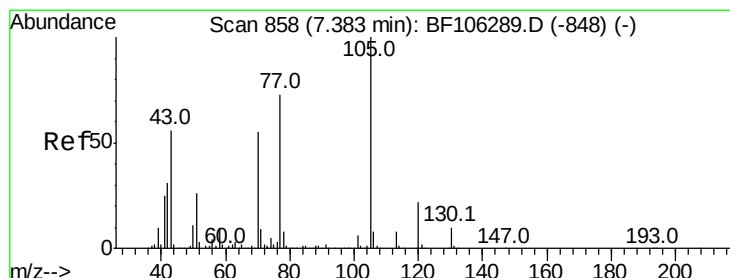
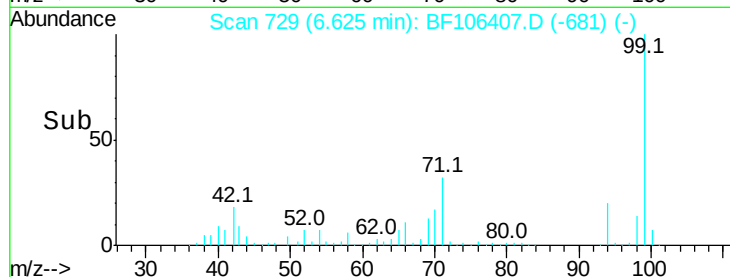
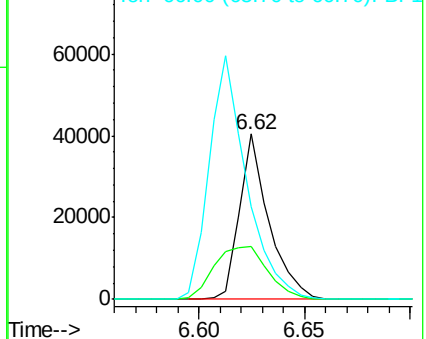
94 100

65 32.4 7.9 47.9

66 56.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.208 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106407.D

Acq: 13 Jun 2018 22:31

Tgt Ion: 70 Resp: 113843

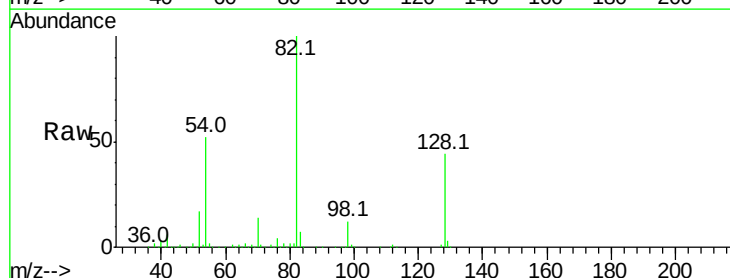
Ion Ratio Lower Upper

70 100

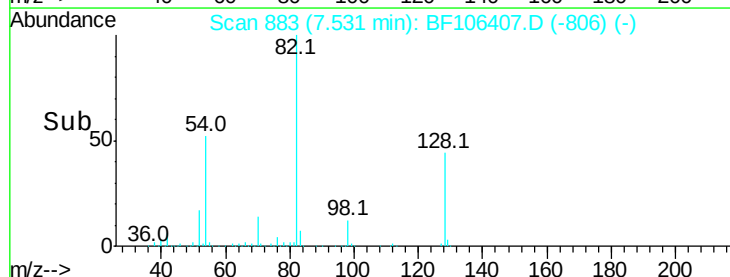
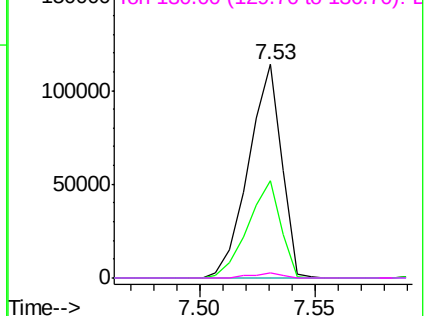
42 45.8 47.5 71.3#

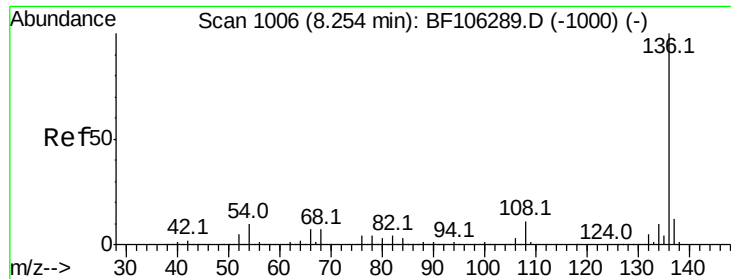
101 0.0 7.4 11.2#

130 2.2 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

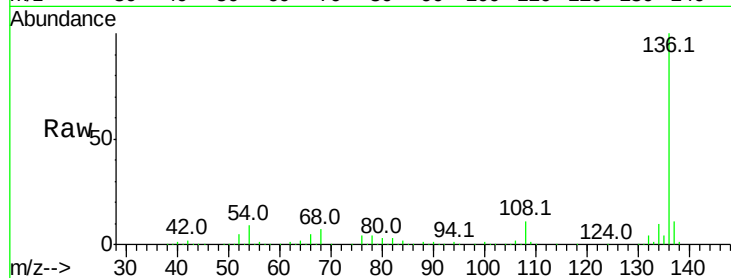




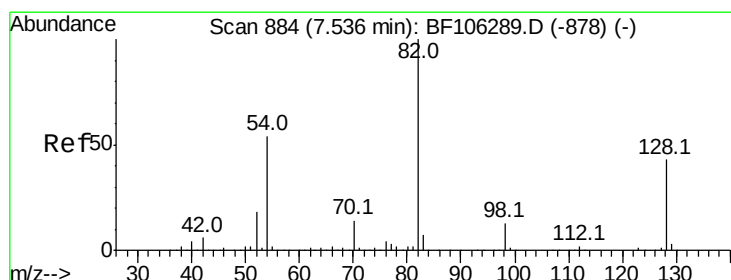
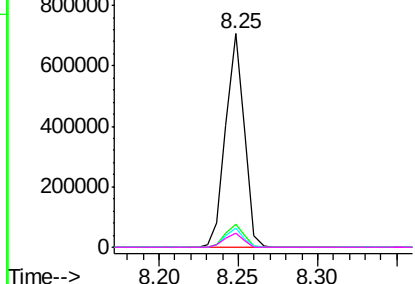
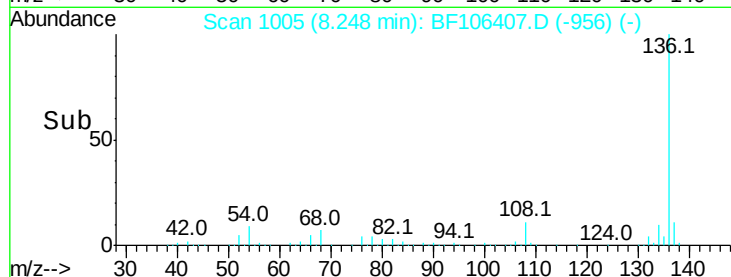
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106407.D
Acq: 13 Jun 2018 22:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	574619
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	6.6	9.8
68	6.6	5.0	7.4

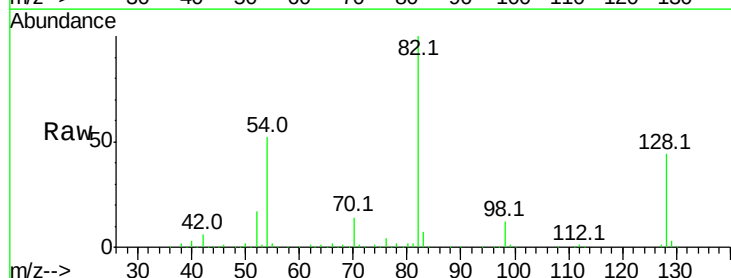


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

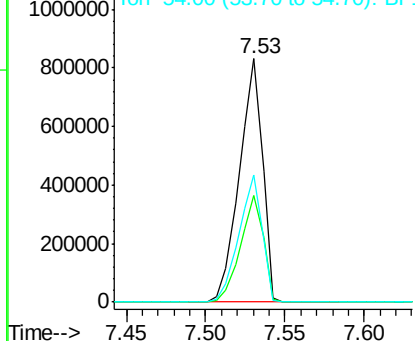
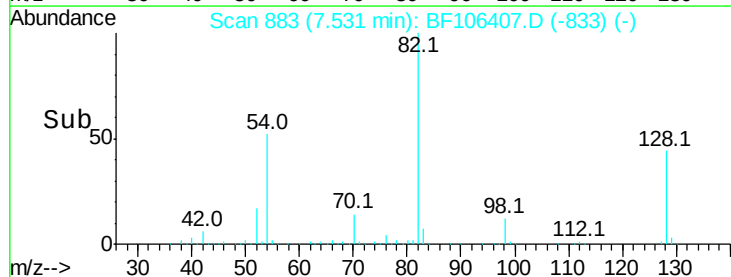


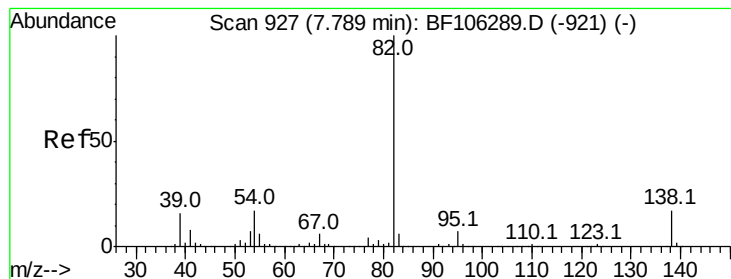
#23
Nitrobenzene-d5
Concen: 85.621 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106407.D
Acq: 13 Jun 2018 22:31

Tgt Ion:	82	Resp:	836316
Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	52.2	41.4	62.2



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





#25

Isophorone

Concen: 43.834 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106407.D

Acq: 13 Jun 2018 22:31

Instrument :

BNA_F

ClientSampled :

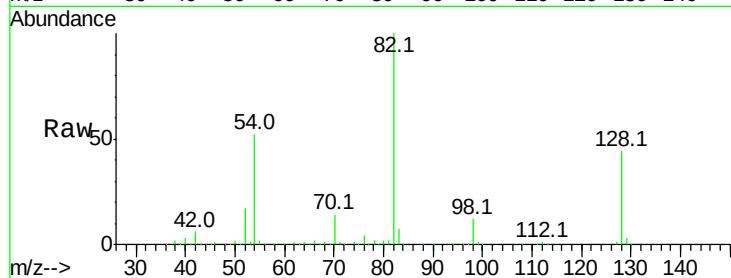
Tot Ion: 82 Resp: 836296

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

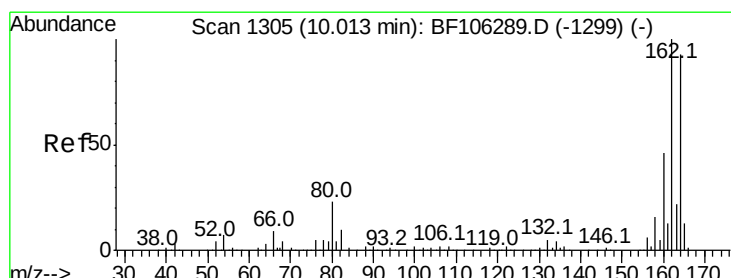
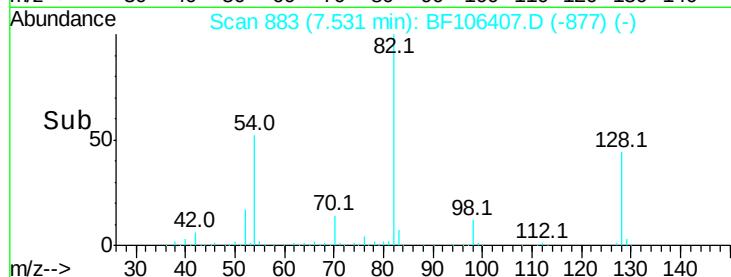
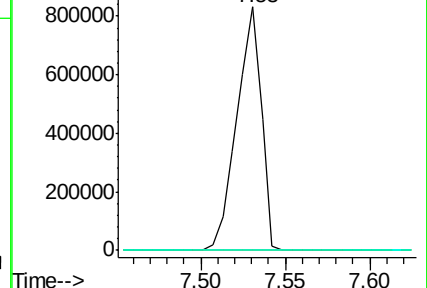
138 0.0 14.9 22.3#



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. -0.01 min

Lab File: BF106407.D

Acq: 13 Jun 2018 22:31

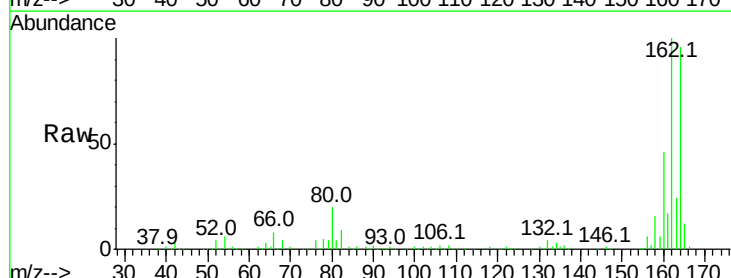
Tgt Ion:164 Resp: 270489

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

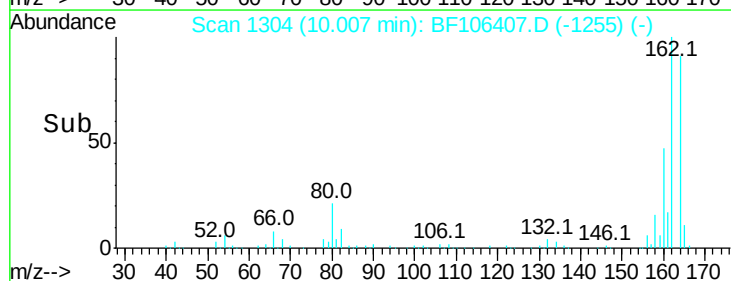
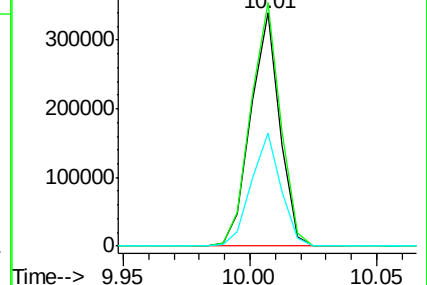
160 48.4 38.3 57.5

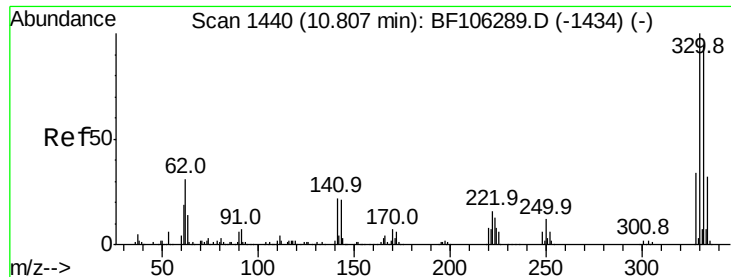


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 132.382 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106407.D

Acq: 13 Jun 2018 22:31

Instrument :

BNA_F

ClientSampleId :

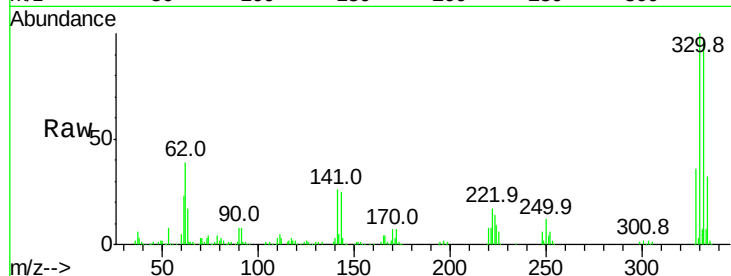
Tot Ion:330 Resp: 344533

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

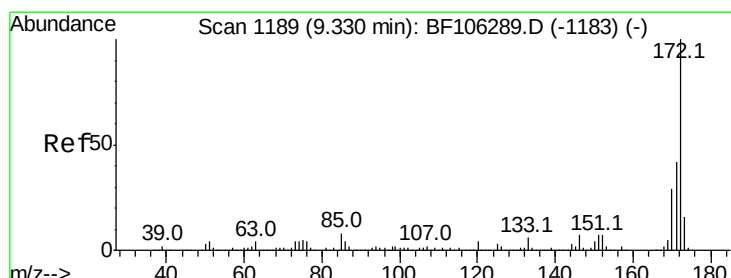
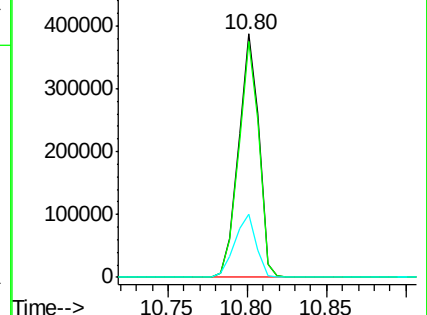
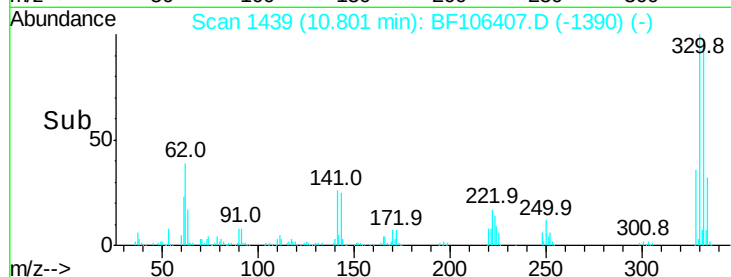
141 27.2 29.9 44.9#



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: 80.818 ng

RT: 9.32 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF106407.D

Acq: 13 Jun 2018 22:31

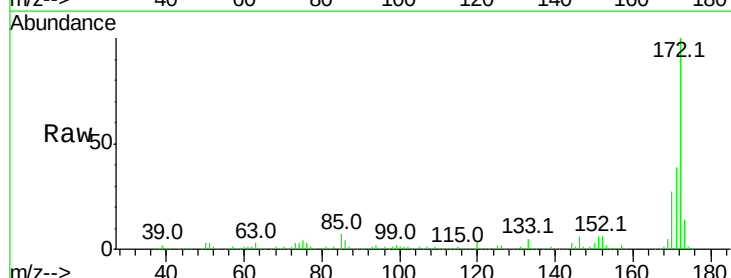
Tgt Ion:172 Resp: 1250430

Ion Ratio Lower Upper

172 100

171 39.5 29.7 44.5

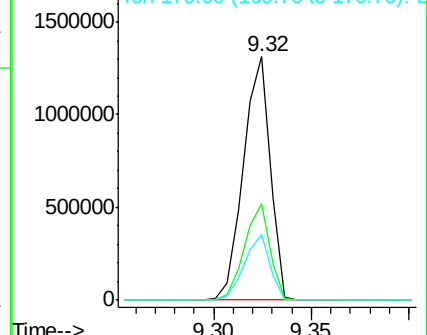
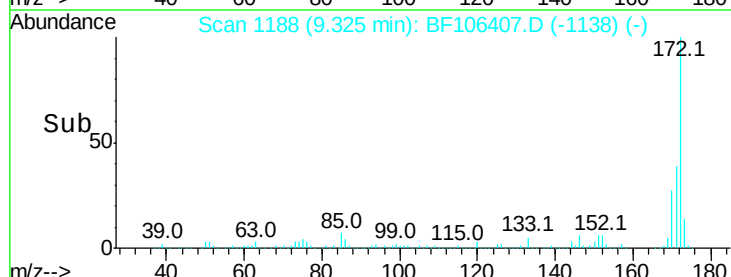
170 26.8 19.6 29.4

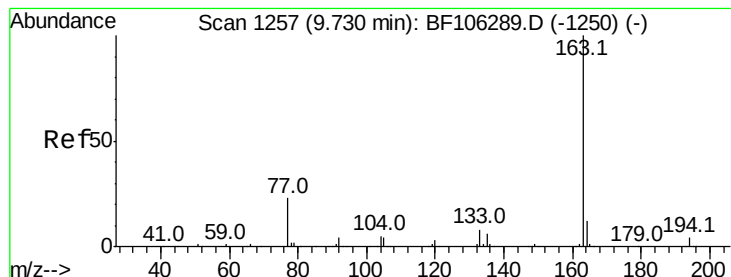


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.608 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF106407.D

Acq: 13 Jun 2018 22:31

Instrument :

BNA_F

ClientSampleId :

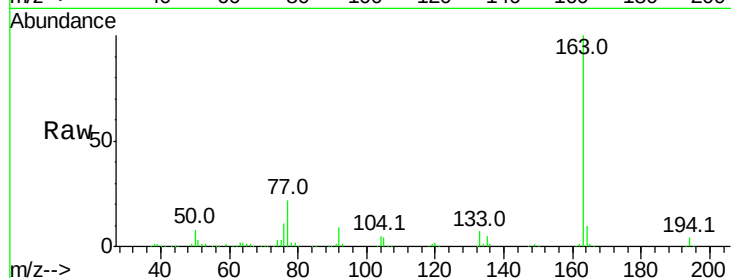
Tot Ion:163 Resp: 301630

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

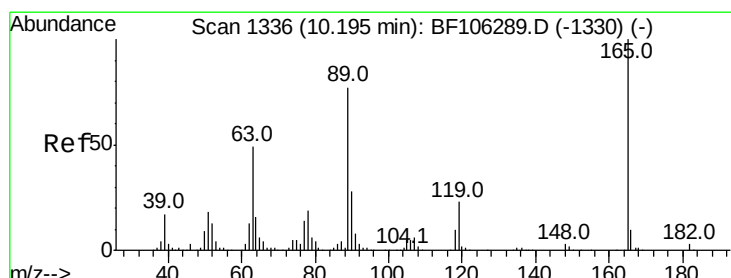
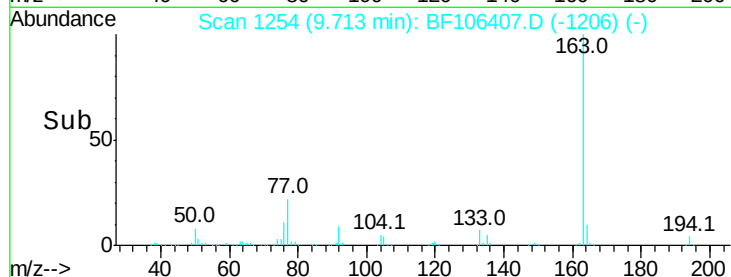
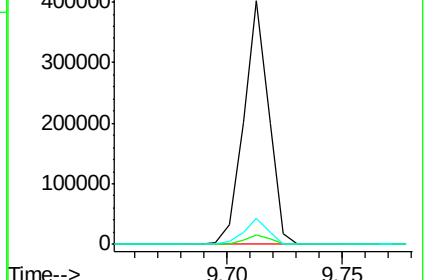
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.802 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF106407.D

Acq: 13 Jun 2018 22:31

Tgt Ion:165 Resp: 33718

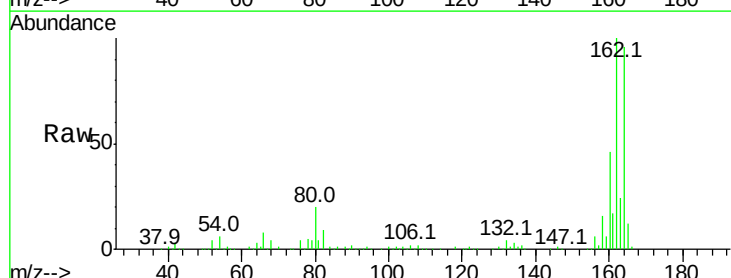
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

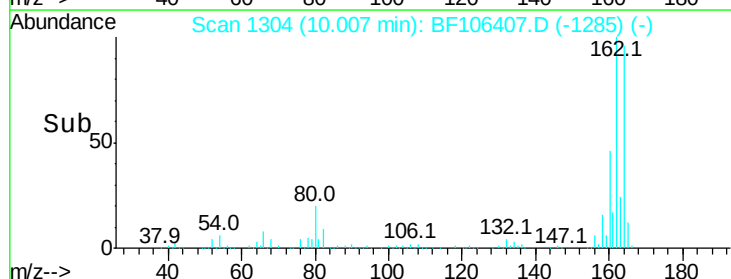
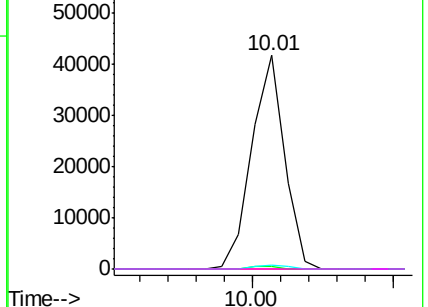


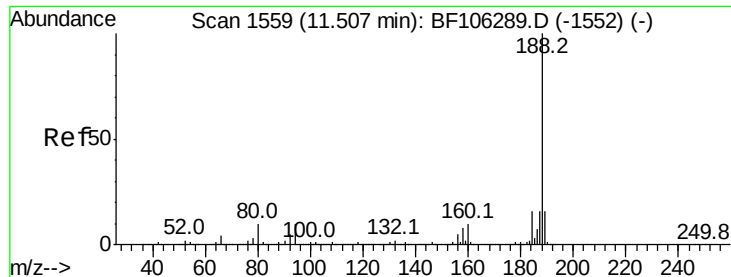
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106407.D

Acq: 13 Jun 2018 22:31

Instrument :

BNA_F

ClientSampleId :

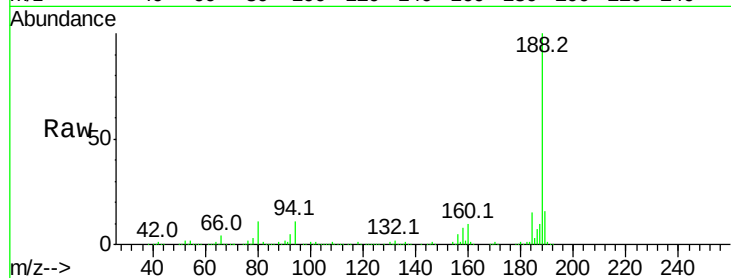
Tot Ion:188 Resp: 491033

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

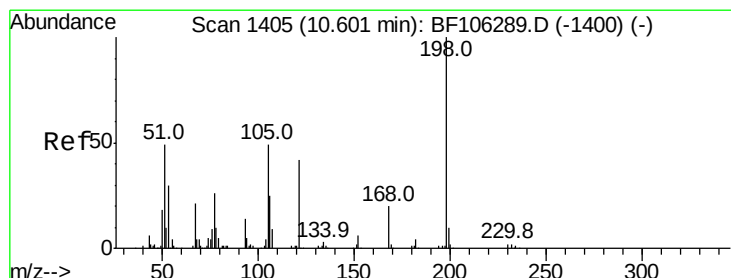
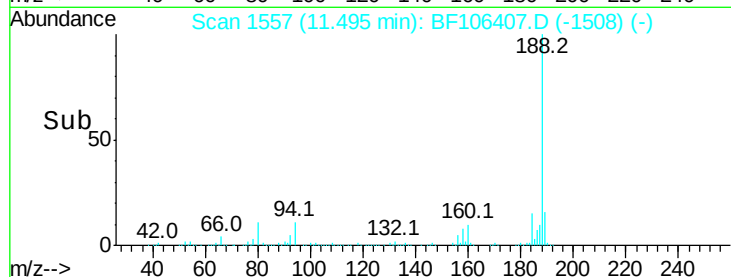
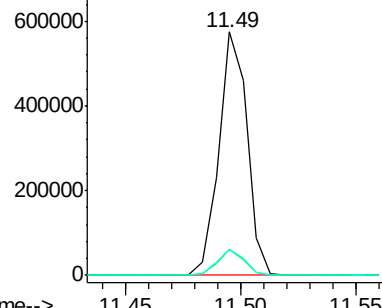
80 10.9 9.2 13.8



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: 6.496 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.19 min

Lab File: BF106407.D

Acq: 13 Jun 2018 22:31

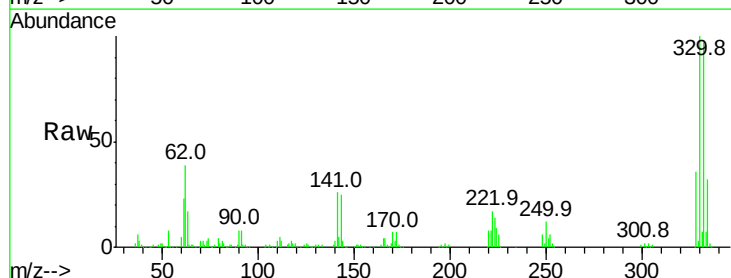
Tgt Ion:198 Resp: 613

Ion Ratio Lower Upper

198 100

51 164.9 37.7 77.7#

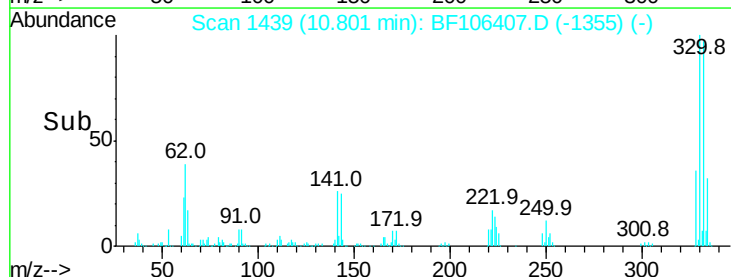
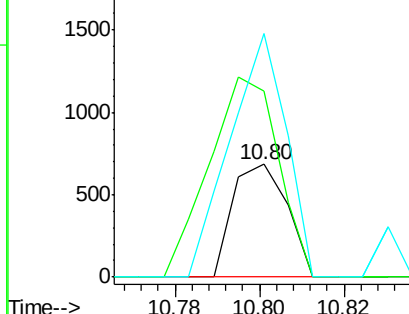
105 216.4 36.3 76.3#

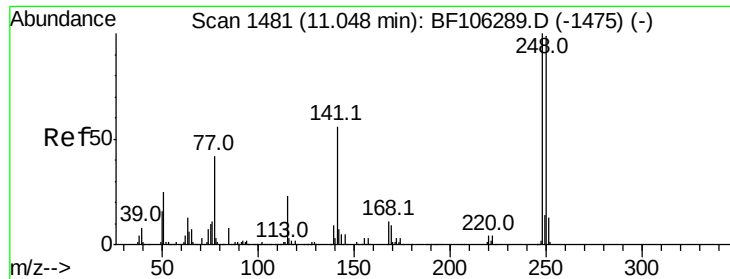


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

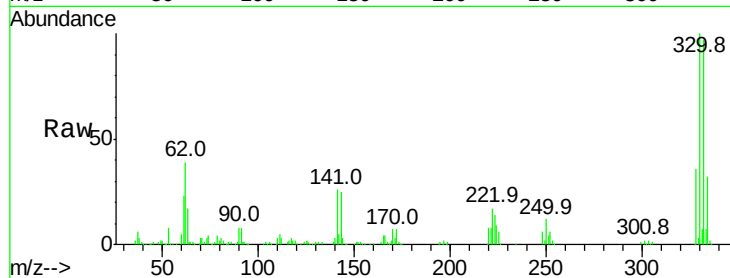




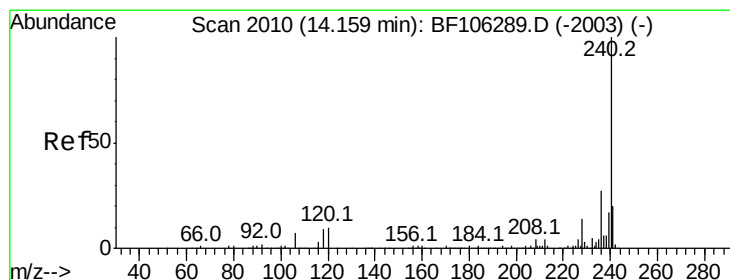
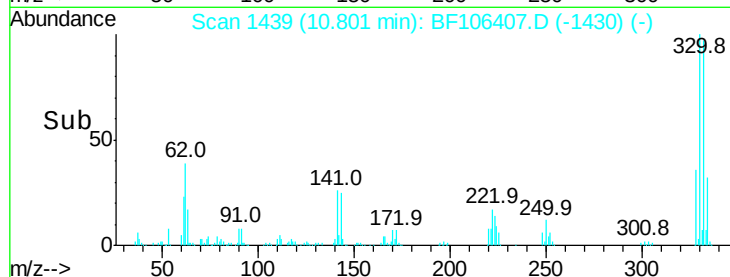
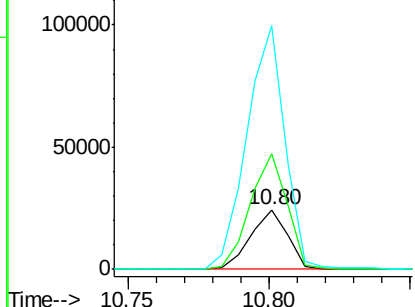
#66
4-Bromophenyl-phenylether
Concen: 3.912 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106407.D
Acq: 13 Jun 2018 22:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 21850
Ion Ratio Lower Upper
248 100
250 193.3 76.9 115.3#
141 409.0 74.4 111.6#

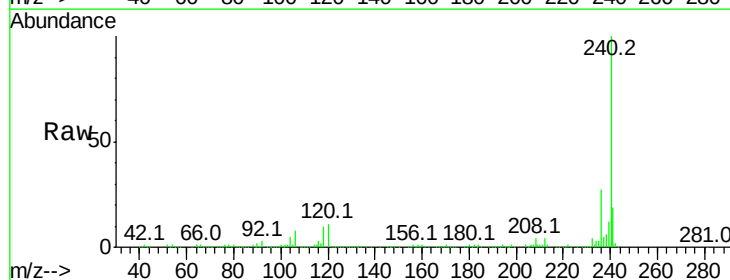


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

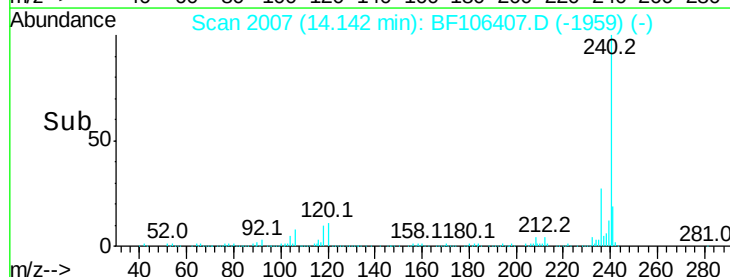
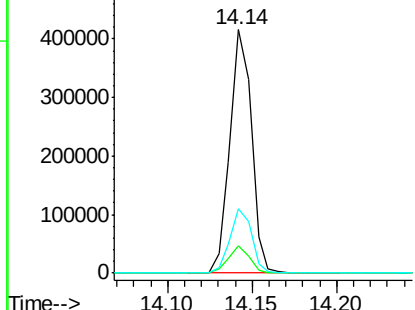


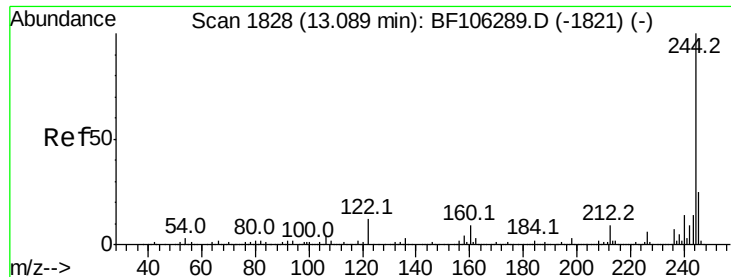
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106407.D
Acq: 13 Jun 2018 22:31

Tgt Ion:240 Resp: 370123
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

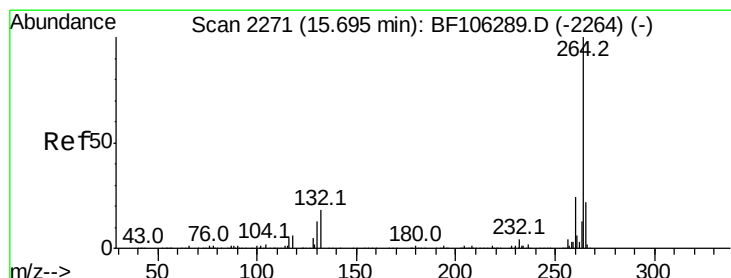
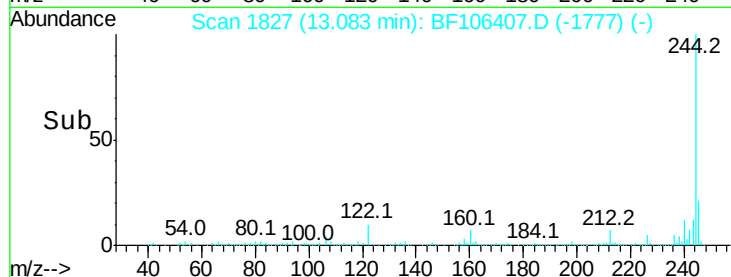
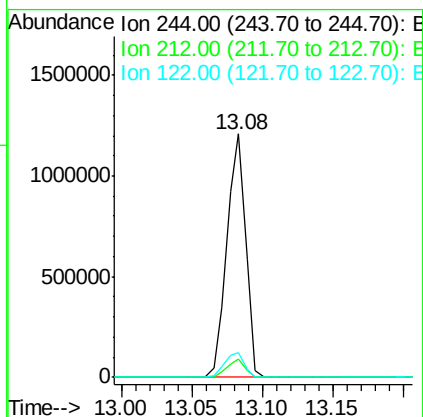
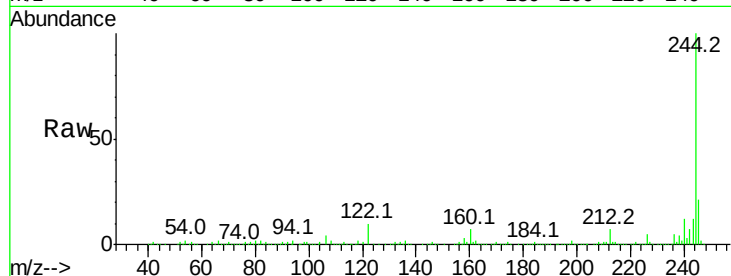




#78
 Terphenyl-d14
 Concen: 74.729 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF106407.D
 Acq: 13 Jun 2018 22:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1113587
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 10.4 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: BF106407.D
 Acq: 13 Jun 2018 22:31

Tgt Ion:264 Resp: 384527
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.4 17.5 26.3

