

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106316.D
 Acq On : 12 Jun 2018 00:55
 Operator : JU/SJ
 Sample : J3354-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27

Quant Time: Jun 12 01:48:12 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	206838	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	761841	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	339518	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	572806	20.00	ng	0.00
75) Chrysene-d12	14.14	240	514098	20.00	ng	-0.02
86) Perylene-d12	15.67	264	414253	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1213863	99.33	ng	0.01
7) Phenol-d6	6.59	99	1525298	98.79	ng	0.00
23) Nitrobenzene-d5	7.53	82	995199	76.85	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	388299	118.86	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1556921	79.88	ng	0.00
78) Terphenyl-d14	13.08	244	1494620	72.21	ng	0.00

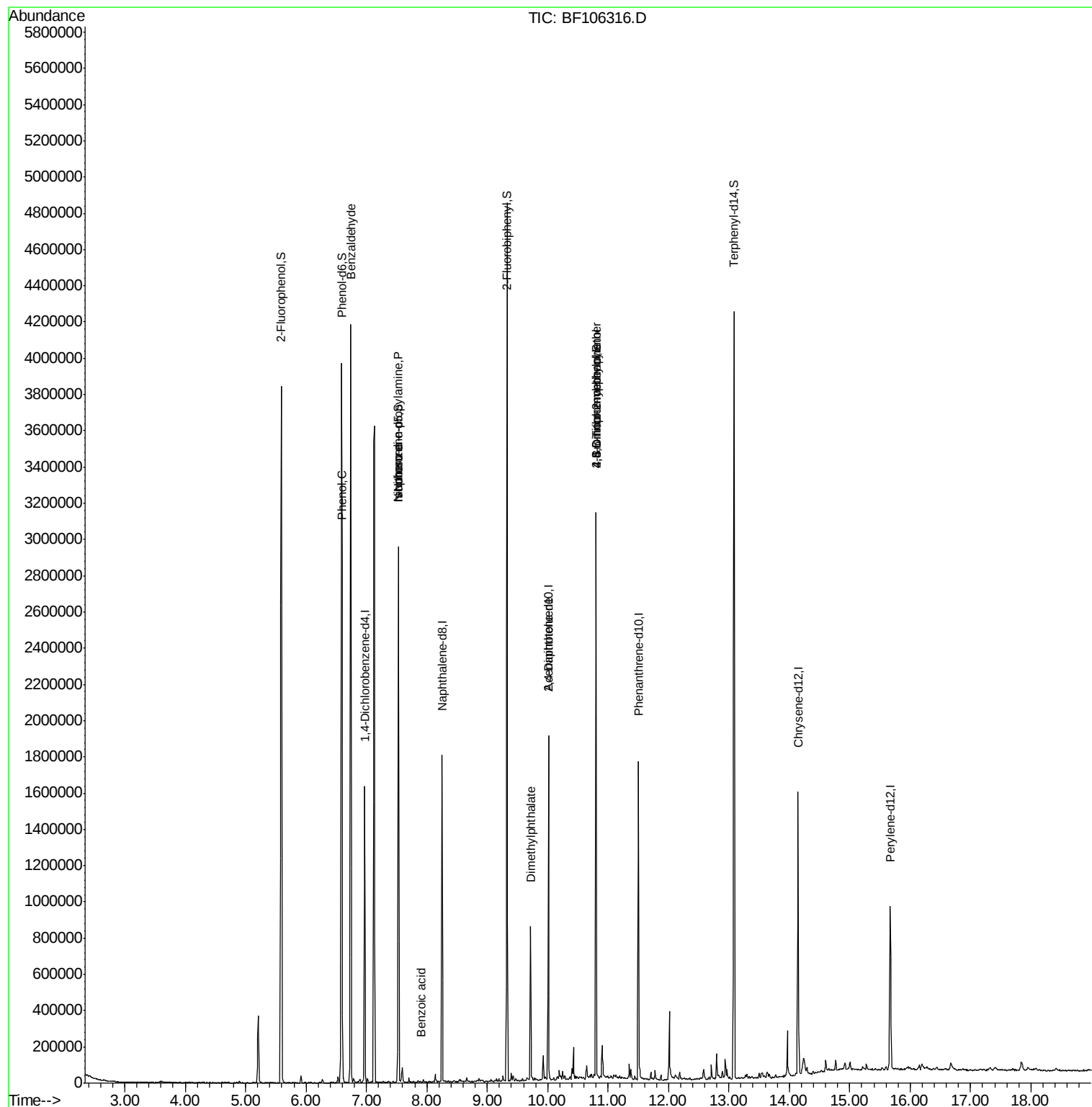
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	29927	2.555	ng	84
10) Phenol	6.60	94	47352	2.809	ng	99
19) n-Nitroso-di-n-propylamine	7.53	70	139412	12.035	ng	# 75
25) Isophorone	7.53	82	995186	39.344	ng	# 64
32) Benzoic acid	7.91	122	162	7.306	ng	# 68
49) Dimethylphthalate	9.72	163	307758	12.688	ng	99
56) 2,4-Dinitrotoluene	10.01	165	42485	6.828	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	805	6.521	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	25940	3.982	ng	# 1

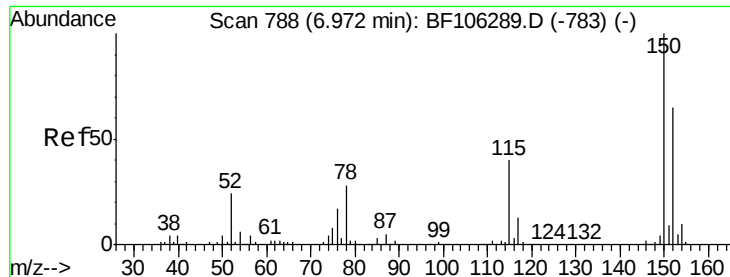
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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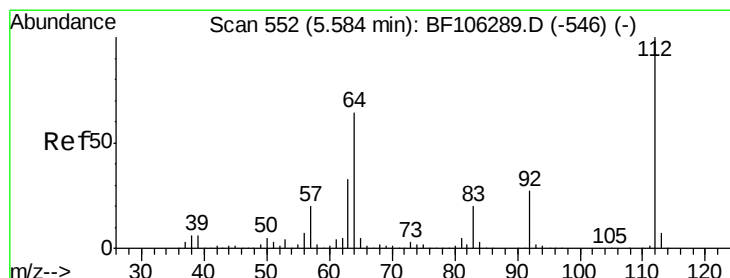
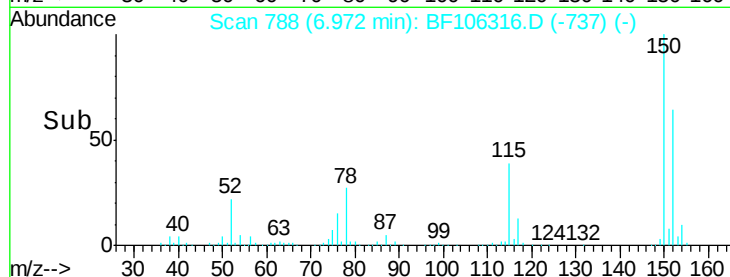
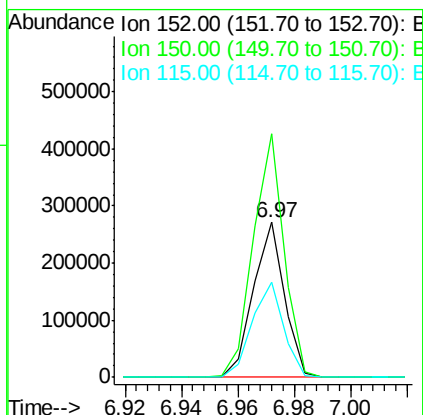
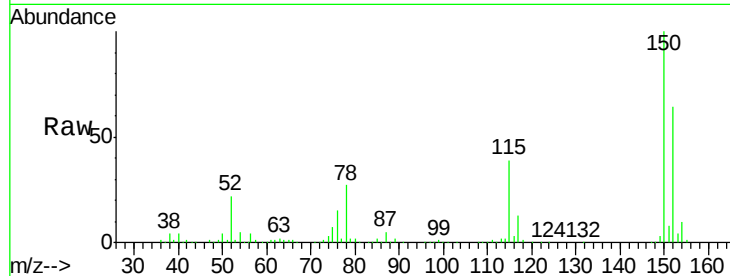


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF106316.D
 Acq: 12 Jun 2018 00:55

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27

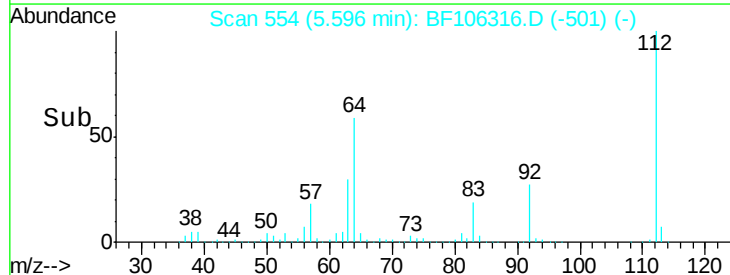
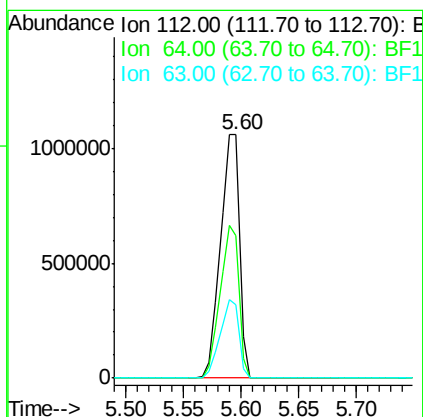
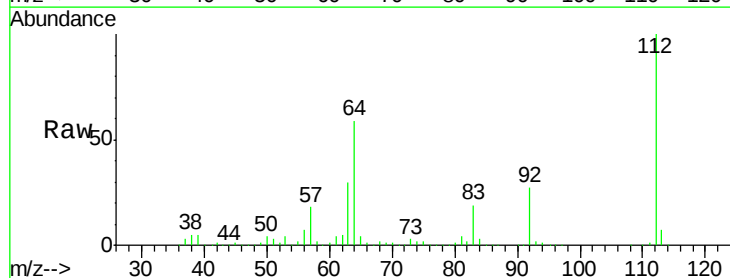
Tgt Ion:152 Resp: 206838
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 61.7 50.1 75.1

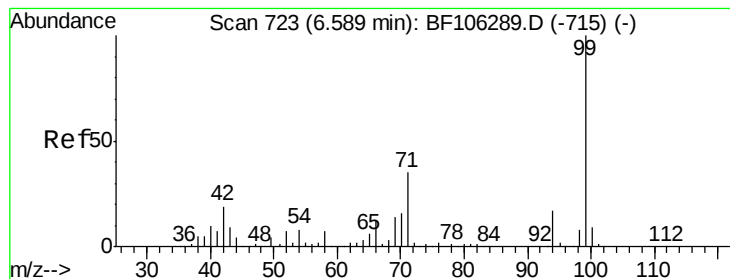


#5

2-Fluorophenol
 Concen: 99.327 ng
 RT: 5.60 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF106316.D
 Acq: 12 Jun 2018 00:55

Tgt Ion:112 Resp: 1213863
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.9 71.9
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 98.789 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27

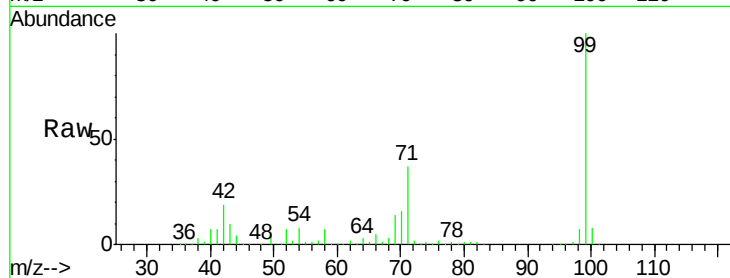
Tgt Ion: 99 Resp: 1525298

Ion Ratio Lower Upper

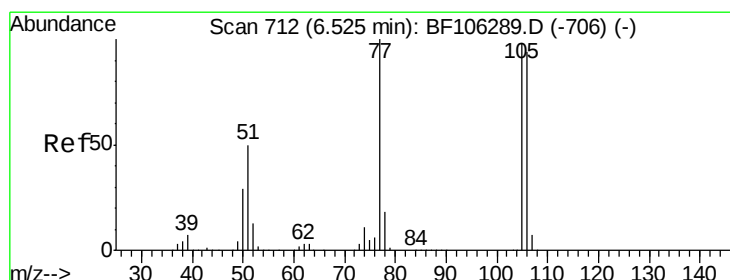
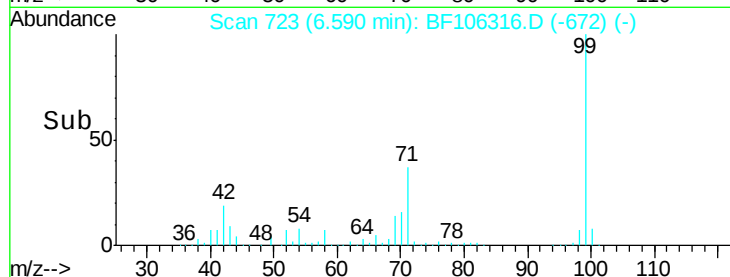
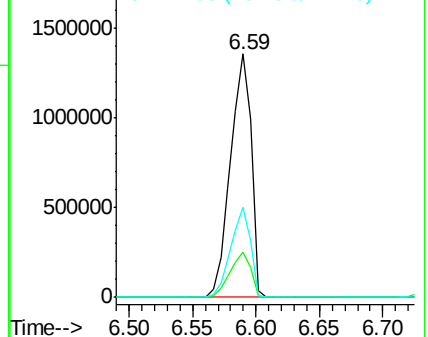
99 100

42 18.7 14.5 21.7

71 37.1 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: 2.555 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

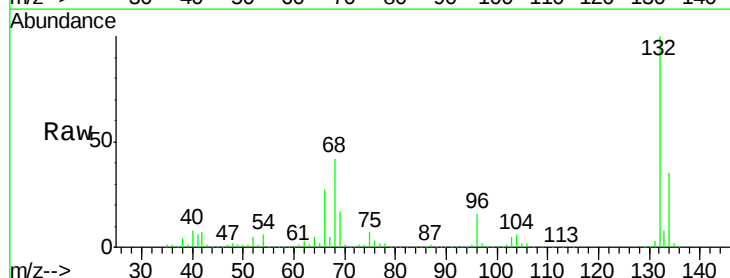
Tgt Ion: 77 Resp: 29927

Ion Ratio Lower Upper

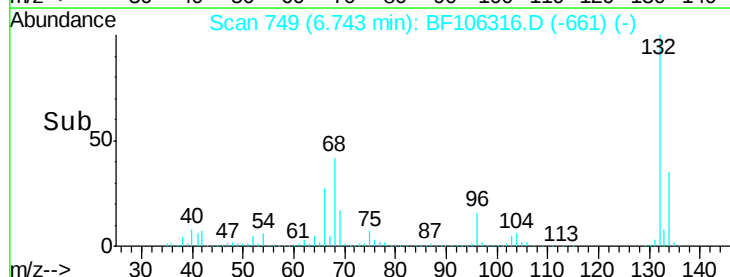
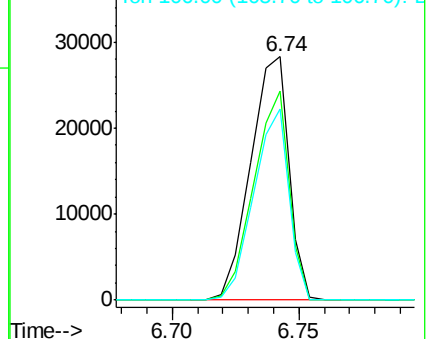
77 100

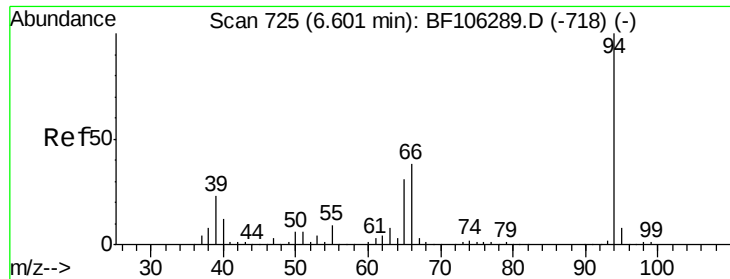
105 85.8 81.1 121.1

106 78.6 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: 2.809 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27

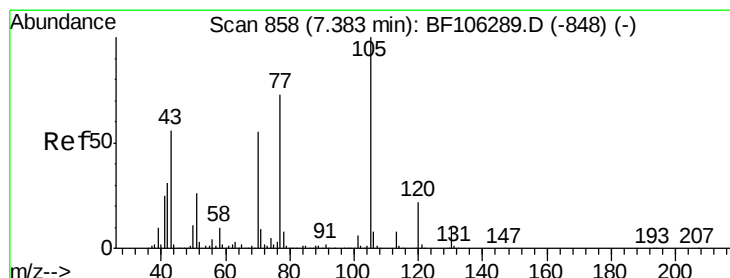
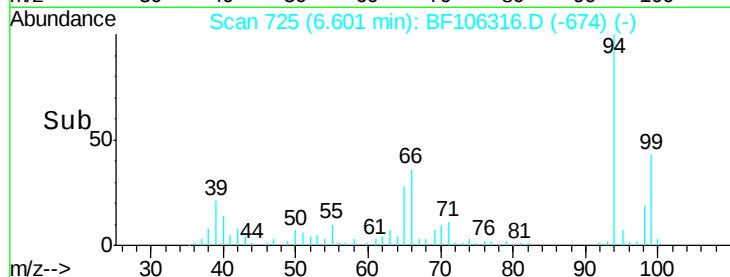
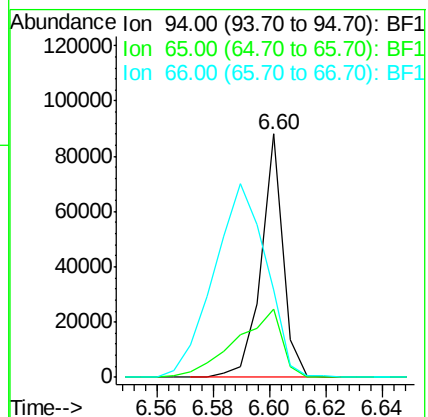
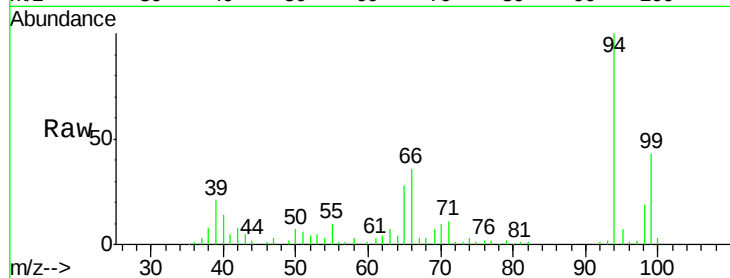
Tgt Ion: 94 Resp: 47352

Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

66 35.9 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.035 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

Tgt Ion: 70 Resp: 139412

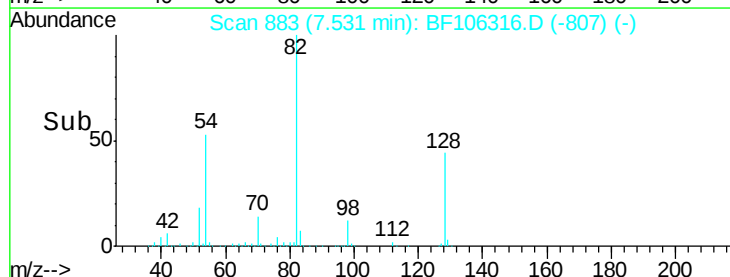
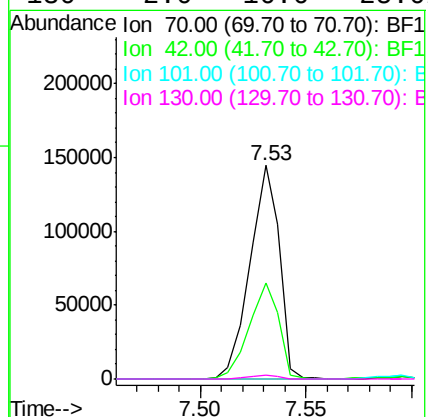
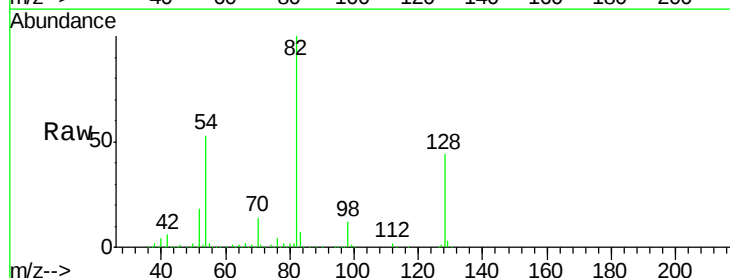
Ion Ratio Lower Upper

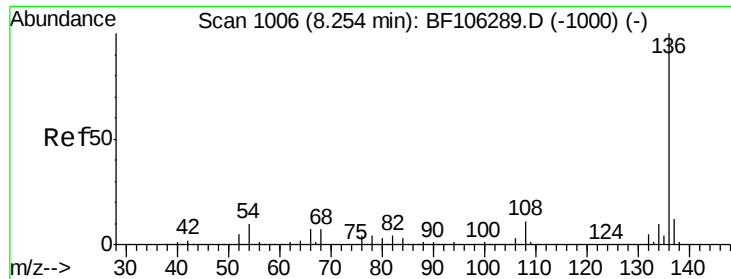
70 100

42 44.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

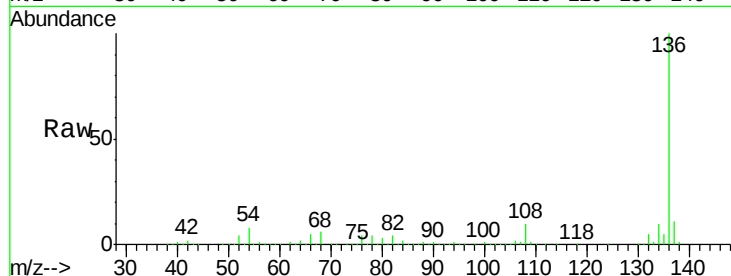




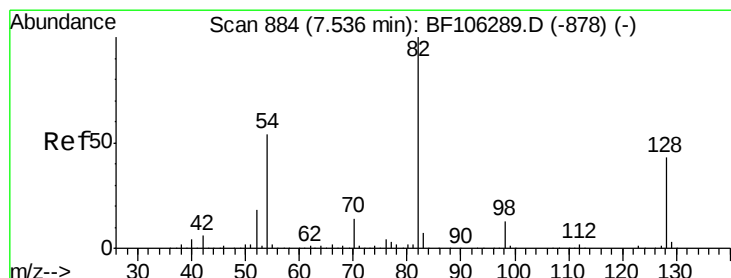
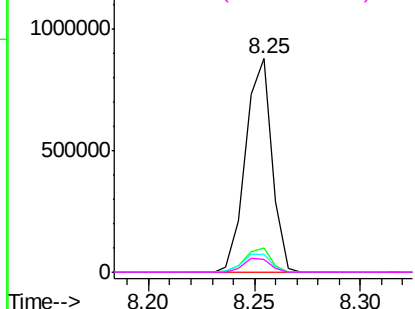
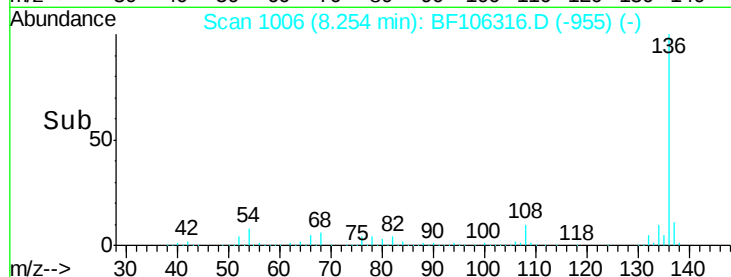
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106316.D
Acq: 12 Jun 2018 00:55

Instrument :
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CAS1-SB-02-03-1-27

Tgt Ion:	136	Resp:	761841
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.2	6.6	9.8
68	6.2	5.0	7.4

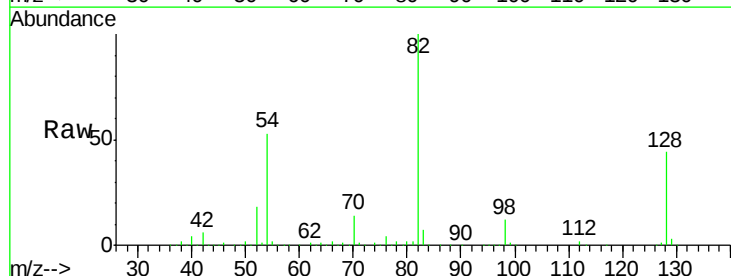


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

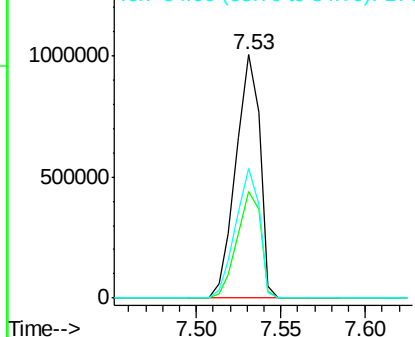
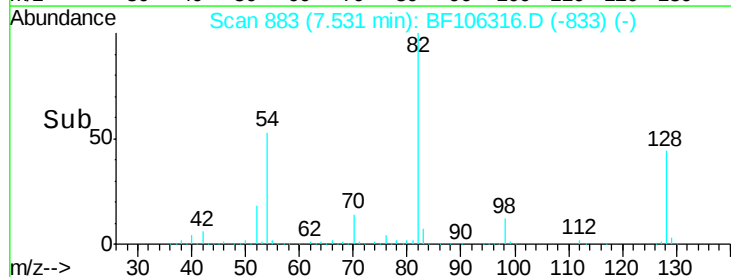


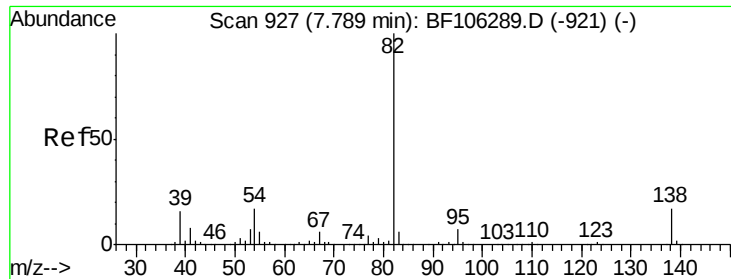
#23
Nitrobenzene-d5
Concen: 76.848 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106316.D
Acq: 12 Jun 2018 00:55

Tgt Ion:	82	Resp:	995199
Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	53.0	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: 39.344 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27

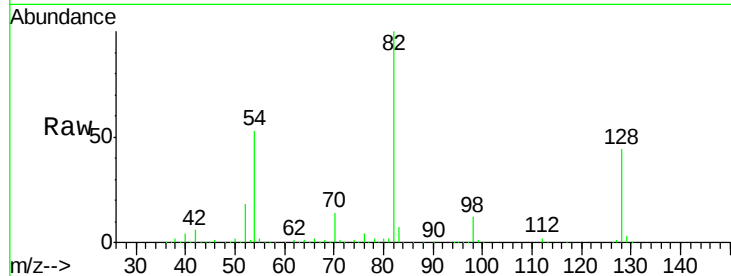
Tgt Ion: 82 Resp: 995186

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

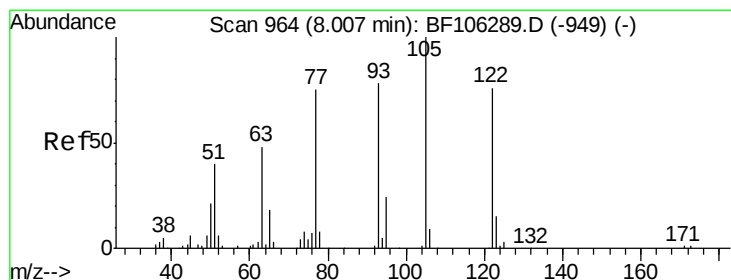
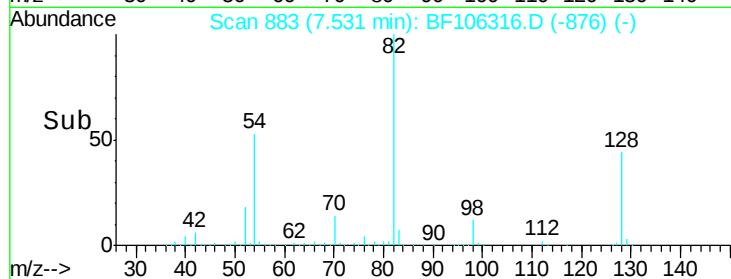
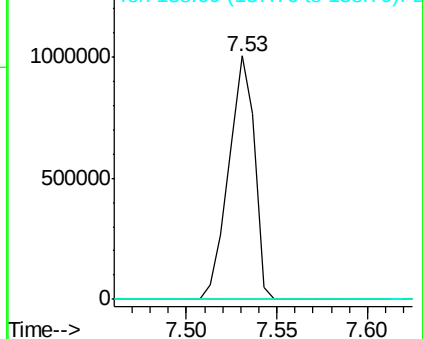
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 7.306 ng

RT: 7.91 min Scan# 948

Delta R.T. -0.09 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

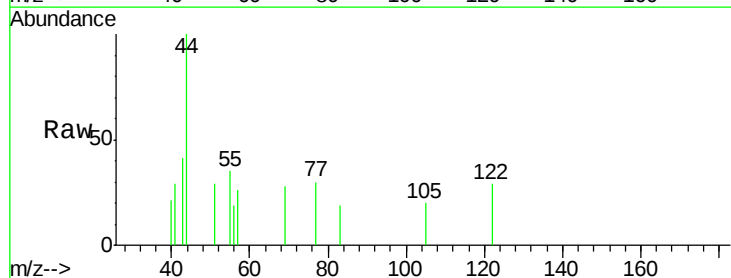
Tgt Ion: 122 Resp: 162

Ion Ratio Lower Upper

122 100

105 69.2 101.1 141.1#

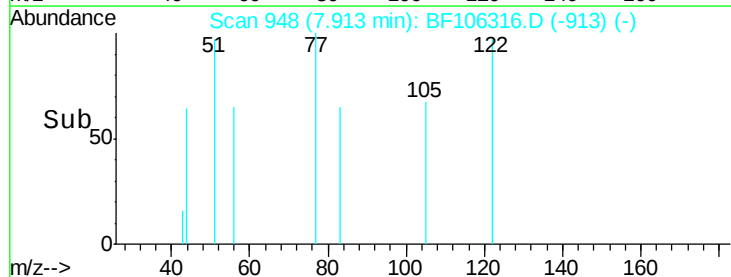
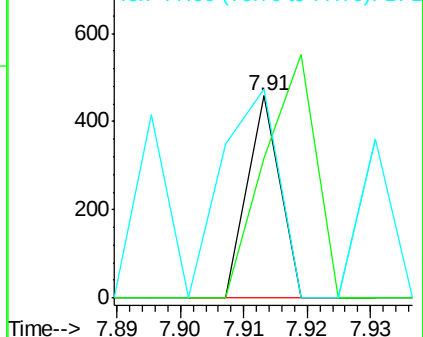
77 103.5 70.7 110.7

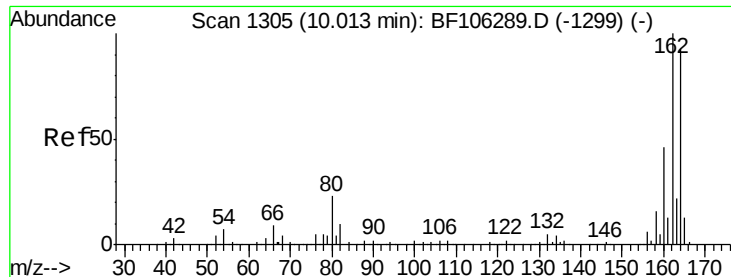


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

Instrument :

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CAS1-SB-02-03-1-27

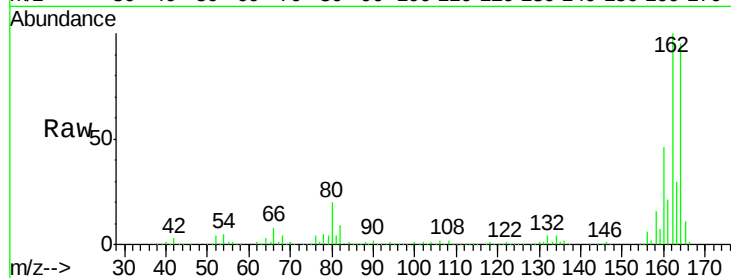
Tgt Ion:164 Resp: 339518

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

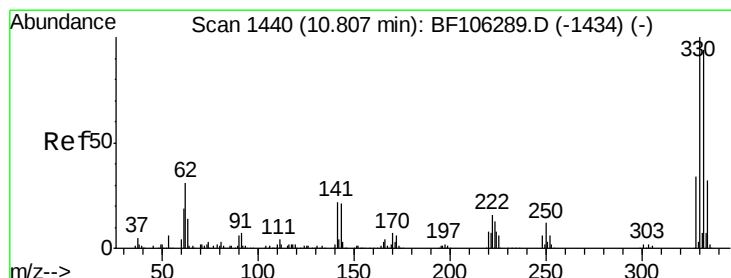
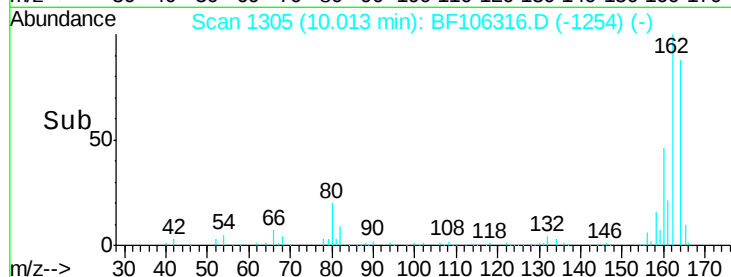
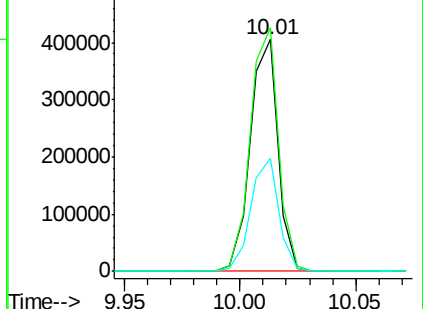
160 48.6 38.3 57.5



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: 118.864 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

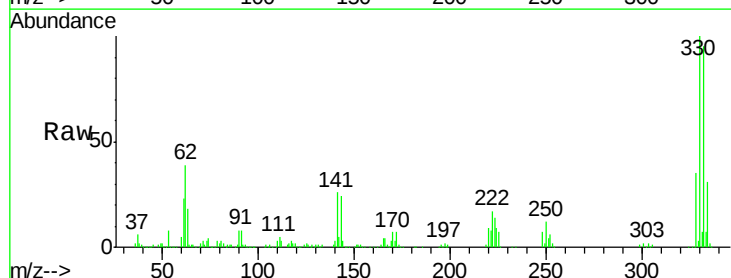
Tgt Ion:330 Resp: 388299

Ion Ratio Lower Upper

330 100

332 94.3 77.0 115.6

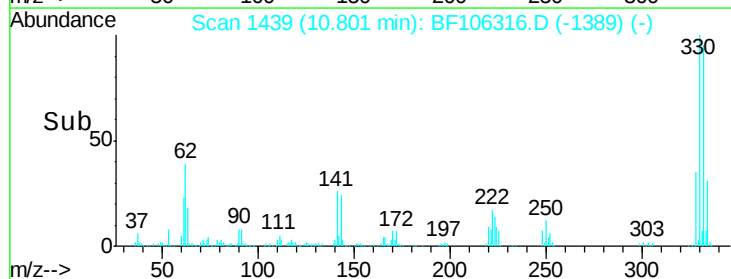
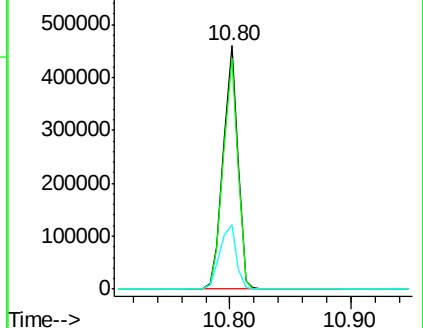
141 29.4 29.9 44.9#

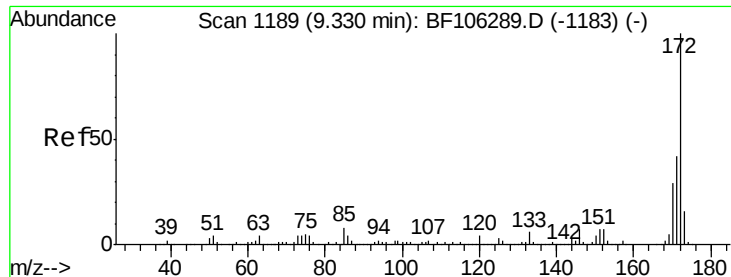


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

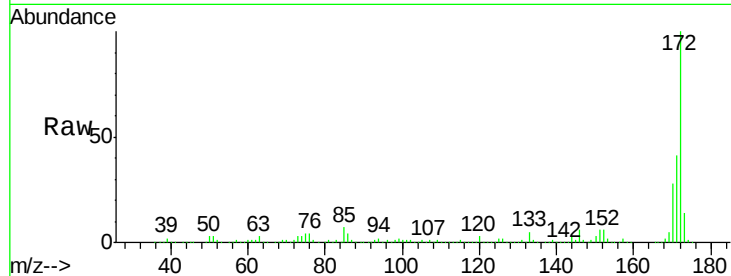




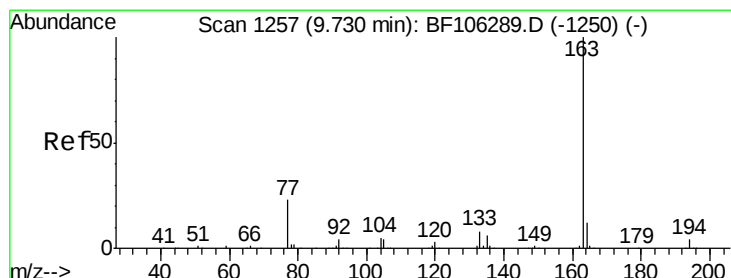
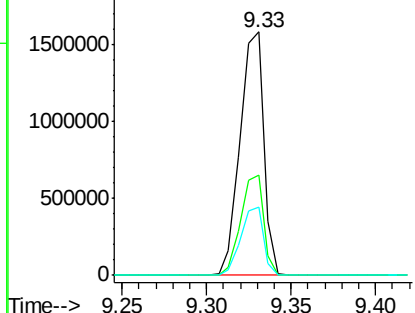
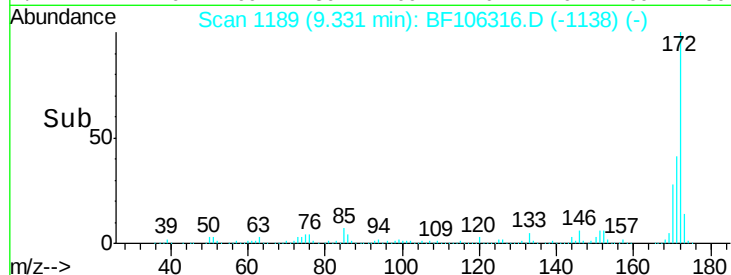
#44
 2-Fluorobiphenyl
 Concen: 79.884 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106316.D
 Acq: 12 Jun 2018 00:55

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27

Tgt Ion:172 Resp: 1556921
 Ion Ratio Lower Upper
 172 100
 171 41.0 29.7 44.5
 170 28.2 19.6 29.4

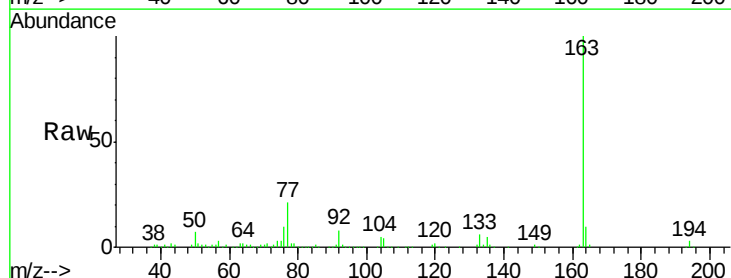


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

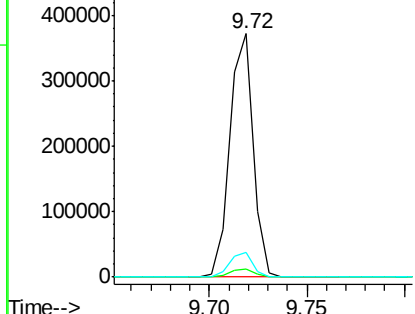
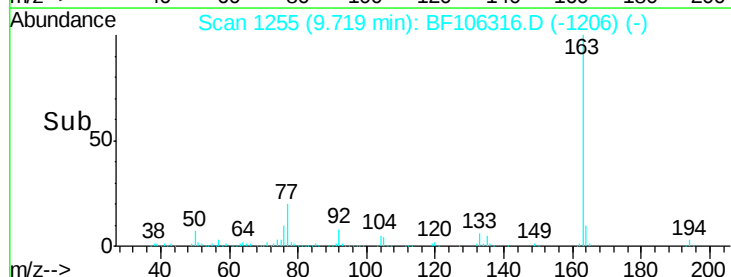


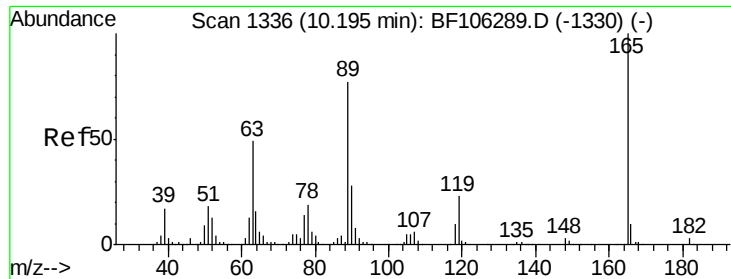
#49
 Dimethylphthalate
 Concen: 12.688 ng
 RT: 9.72 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF106316.D
 Acq: 12 Jun 2018 00:55

Tgt Ion:163 Resp: 307758
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.0 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

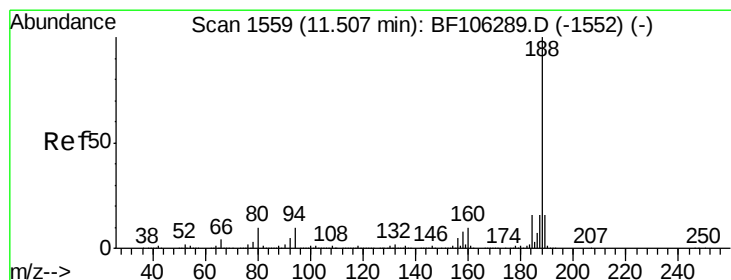
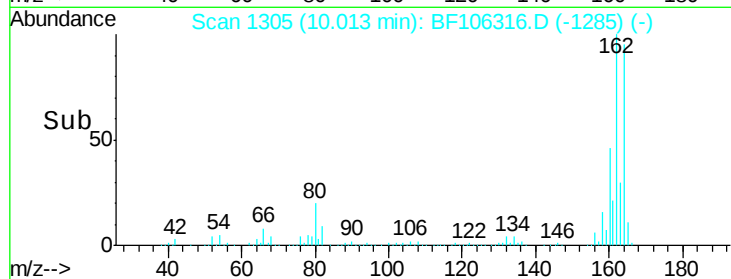
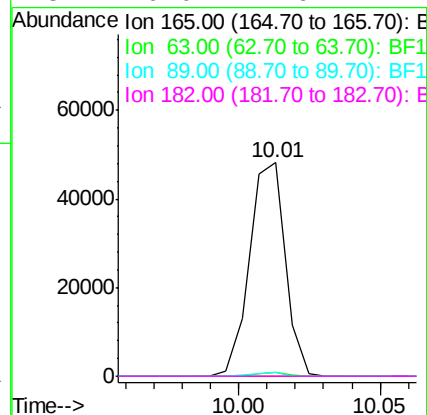
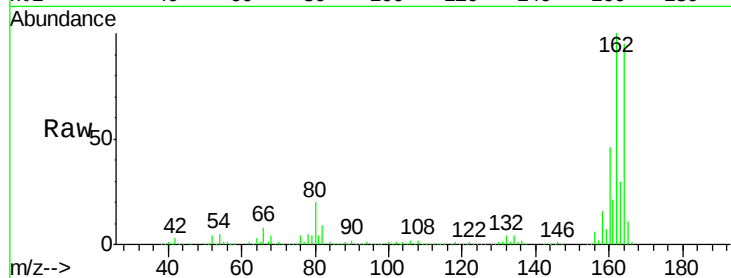




#56
2,4-Dinitrotoluene
Concen: 6.828 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106316.D
Acq: 12 Jun 2018 00:55

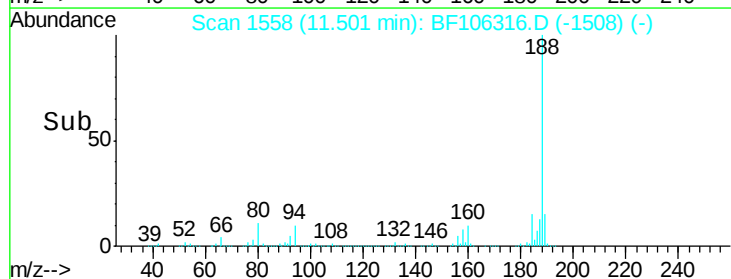
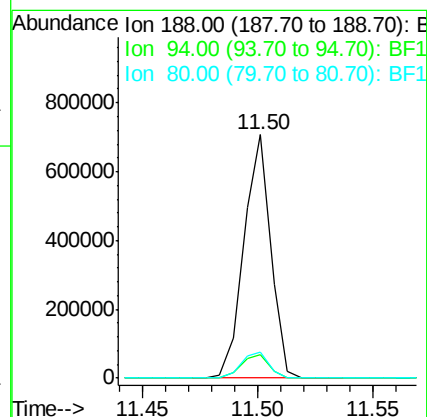
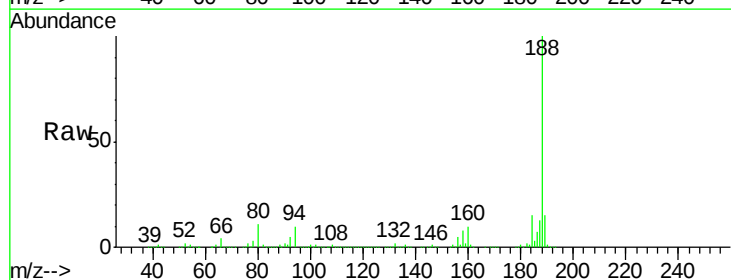
Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27

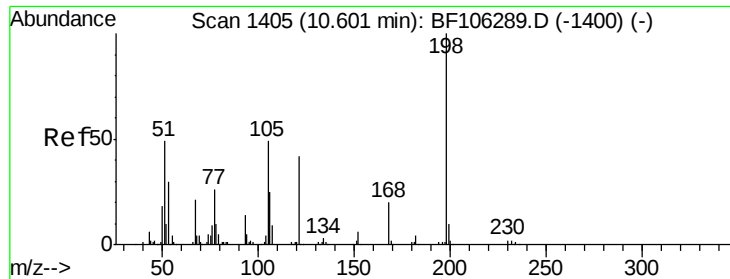
Tgt Ion:	165	Resp:	42485
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106316.D
Acq: 12 Jun 2018 00:55

Tgt Ion:	188	Resp:	572806
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.7	9.2	13.8

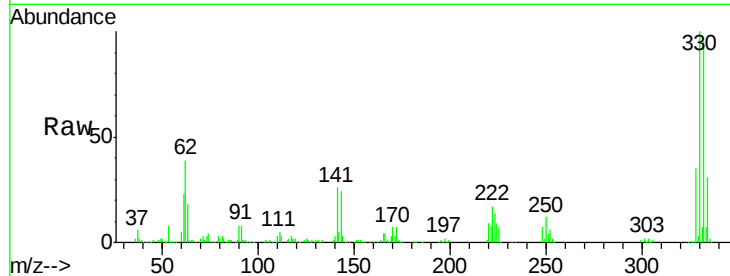




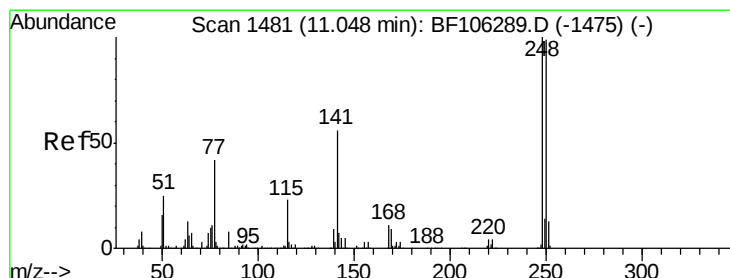
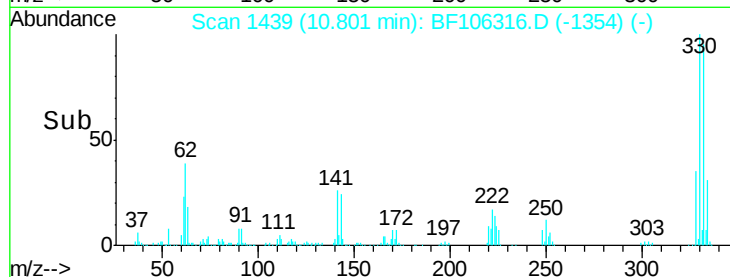
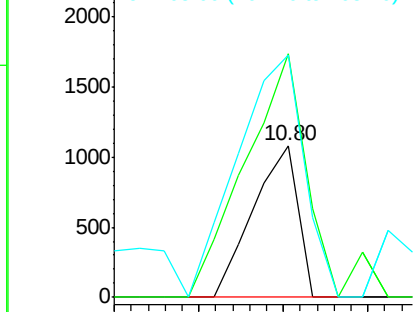
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.521 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106316.D
 Acq: 12 Jun 2018 00:55

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27

Tgt Ion:198 Resp: 805
 Ion Ratio Lower Upper
 198 100
 51 160.5 37.7 77.7#
 105 159.6 36.3 76.3#

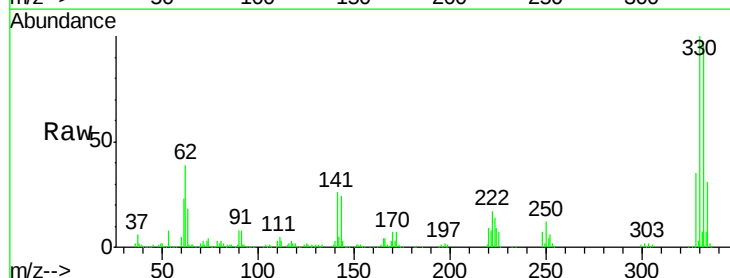


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

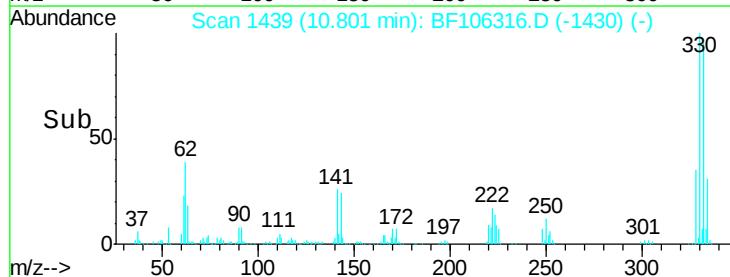
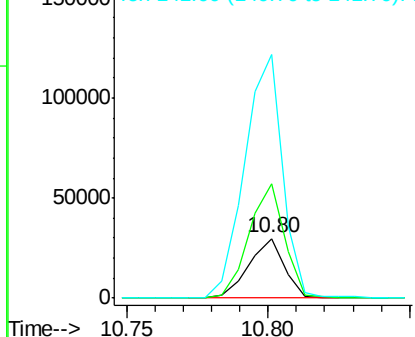


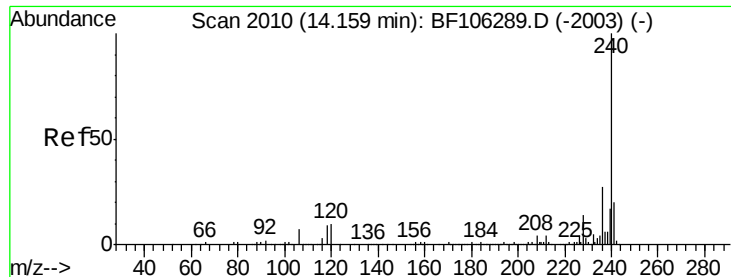
#66
 4-Bromophenyl-phenylether
 Concen: 3.982 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF106316.D
 Acq: 12 Jun 2018 00:55

Tgt Ion:248 Resp: 25940
 Ion Ratio Lower Upper
 248 100
 250 190.5 76.9 115.3#
 141 406.3 74.4 111.6#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27

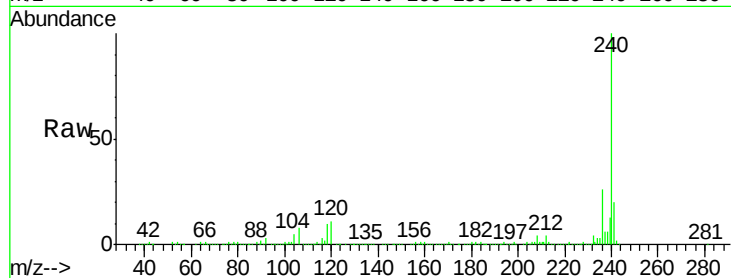
Tgt Ion:240 Resp: 514098

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

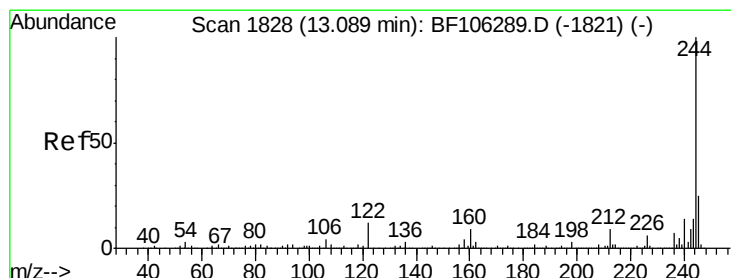
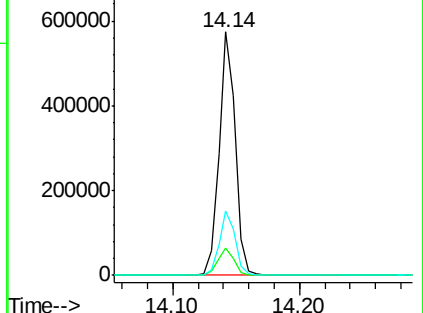
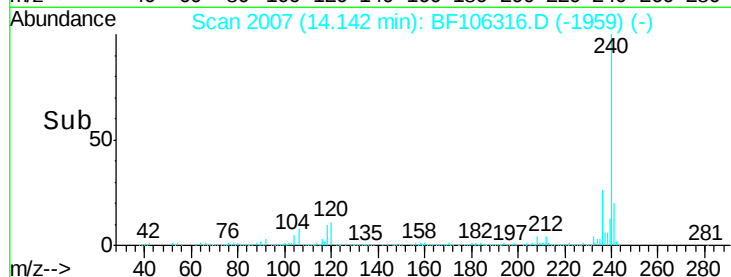
236 26.4 20.7 31.1



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: 72.210 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106316.D

Acq: 12 Jun 2018 00:55

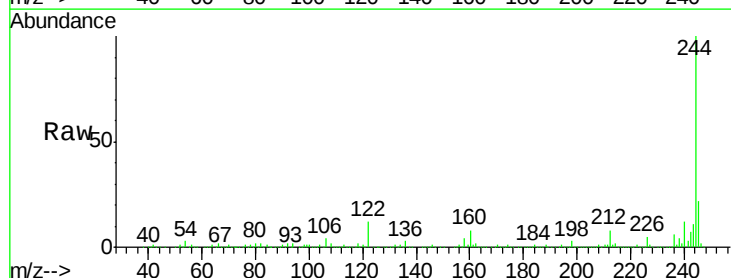
Tgt Ion:244 Resp: 1494620

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

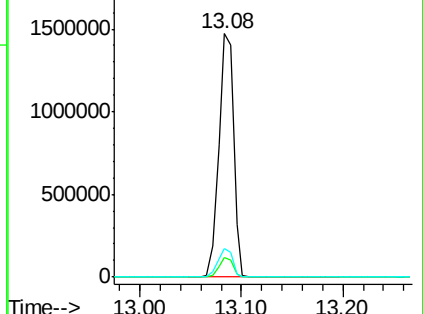
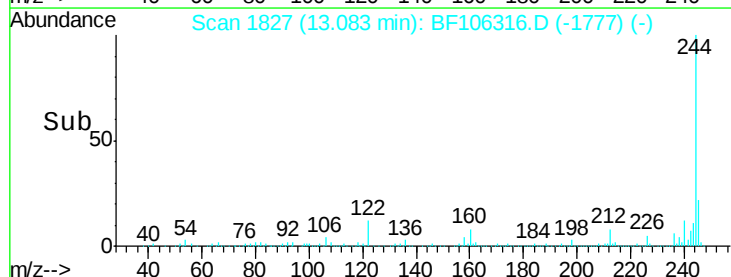
122 11.8 11.0 16.4

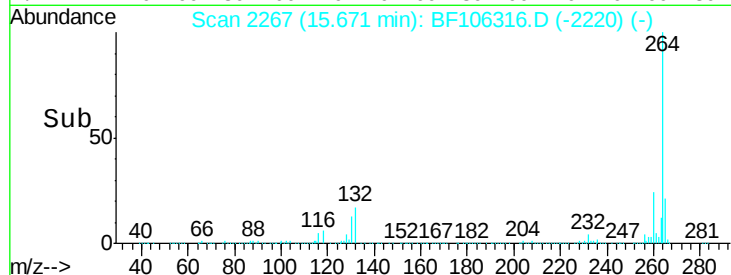
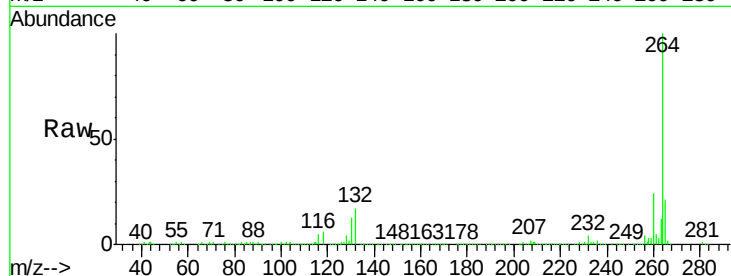
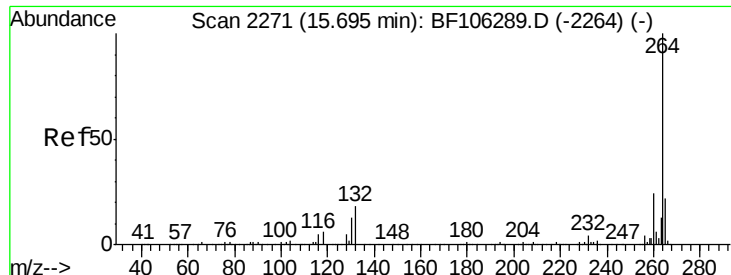


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF106316.D
Acq: 12 Jun 2018 00:55

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27

Tgt Ion:	264	Resp:	414253
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.7	17.5	26.3

