

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106528.D
 Acq On : 18 Jun 2018 10:29
 Operator : JU/SJ
 Sample : J3509-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-8-061318

Quant Time: Jun 19 01:04:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120447	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	460129	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	226410	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	455490	20.00	ng	0.00
75) Chrysene-d12	14.15	240	375028	20.00	ng	0.00
86) Perylene-d12	15.71	264	301855	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	405311	56.95	ng	0.00
7) Phenol-d6	6.61	99	315366	35.08	ng	0.00
23) Nitrobenzene-d5	7.53	82	734532	93.91	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	326058	149.67	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1225323	102.34	ng	0.00
78) Terphenyl-d14	13.09	244	1414703	93.69	ng	0.00

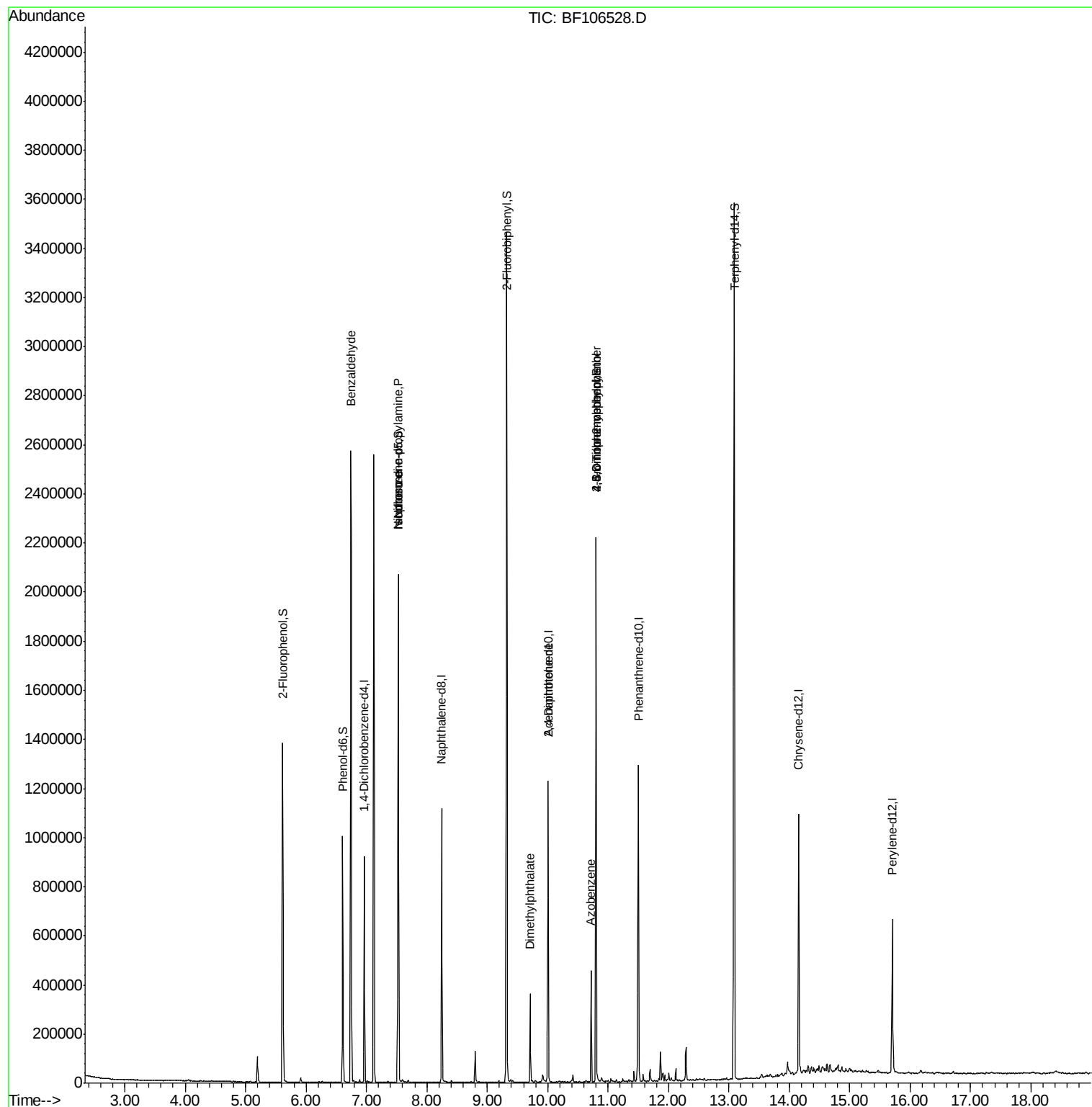
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	16571	2.430	ng	83
19) n-Nitroso-di-n-propylamine	7.53	70	99008	14.678	ng	# 76
25) Isophorone	7.53	82	734526	48.080	ng	# 64
49) Dimethylphthalate	9.71	163	128788	7.962	ng	99
56) 2,4-Dinitrotoluene	10.01	165	28616	6.897	ng	# 23
62) Azobenzene	10.72	77	75276	4.496	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.80	198	721	6.550	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	21343	4.120	ng	# 1

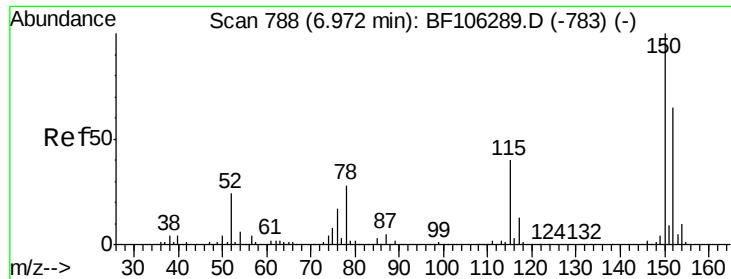
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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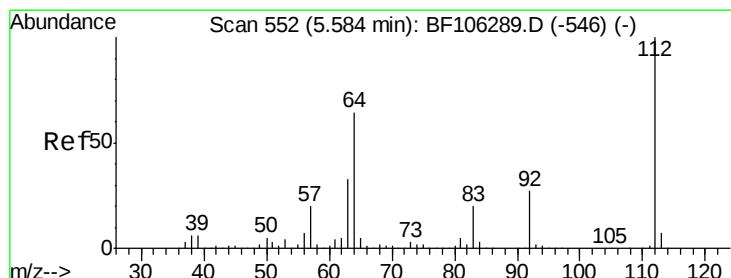
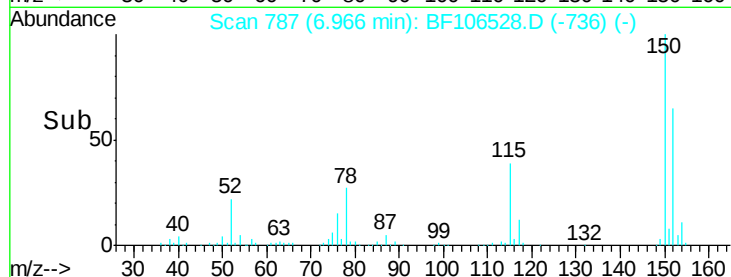
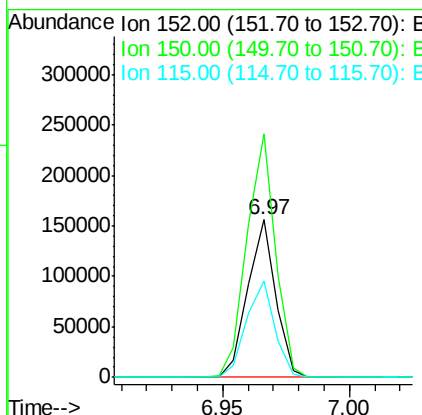
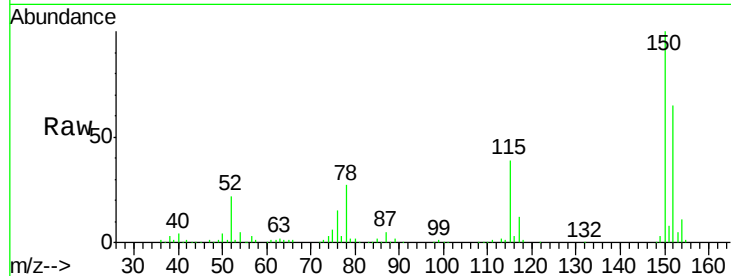


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106528.D
Acq: 18 Jun 2018 10:29

Instrument :
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ClientSampleId :
MWHR3-8-061318

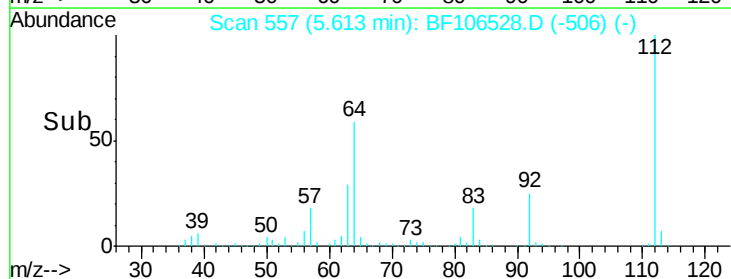
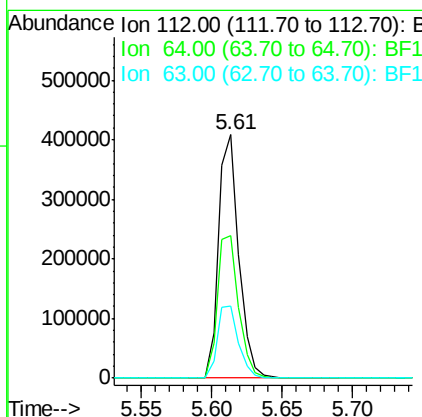
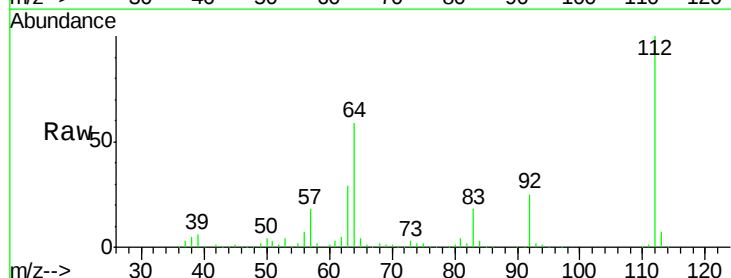
Tgt Ion:152 Resp: 120447
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 60.9 50.1 75.1



#5

2-Fluorophenol
Concen: 56.954 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106528.D
Acq: 18 Jun 2018 10:29

Tgt Ion:112 Resp: 405311
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 35.076 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106528.D

Acq: 18 Jun 2018 10:29

Instrument :

BNA_F

ClientSampleId :

MWHR3-8-061318

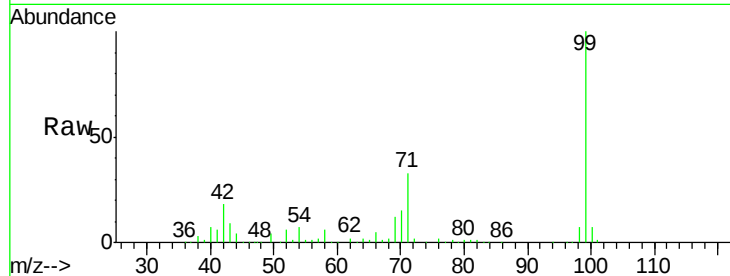
Tgt Ion: 99 Resp: 315366

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

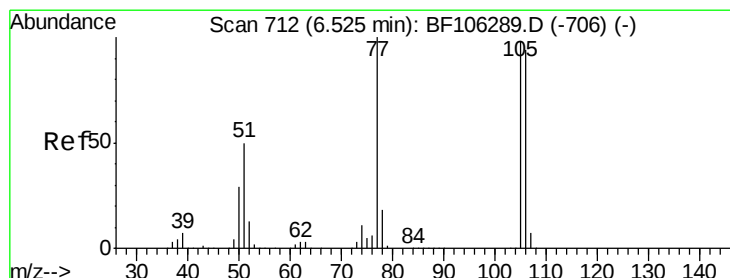
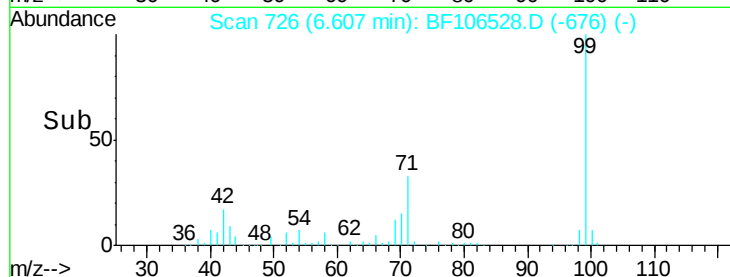
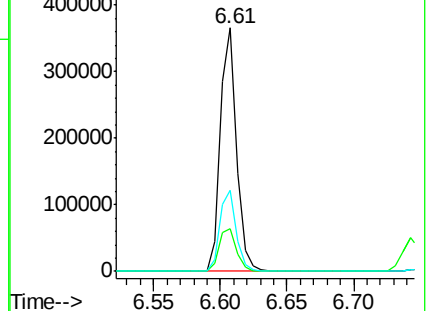
71 33.2 25.4 38.0



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: 2.430 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106528.D

Acq: 18 Jun 2018 10:29

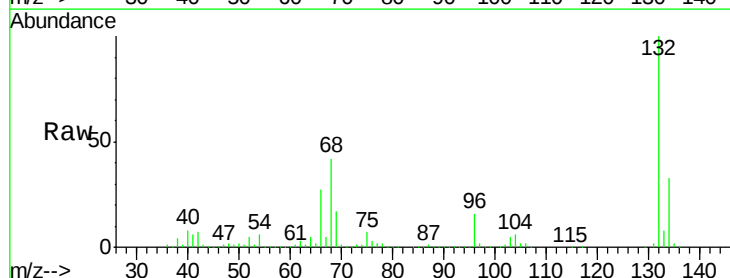
Tgt Ion: 77 Resp: 16571

Ion Ratio Lower Upper

77 100

105 85.0 81.1 121.1

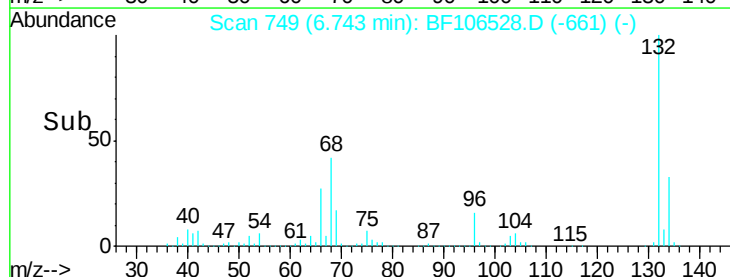
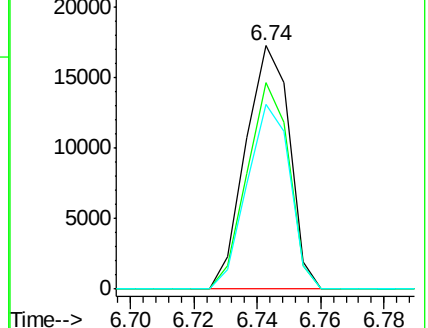
106 76.0 74.5 114.5

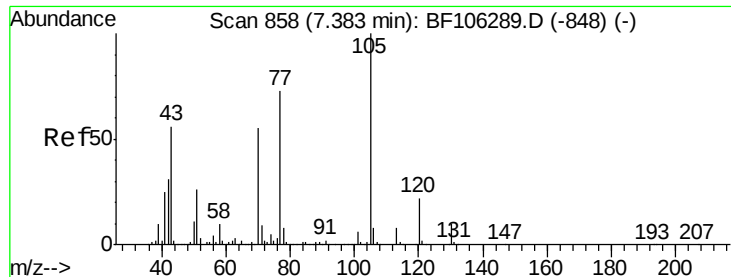


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

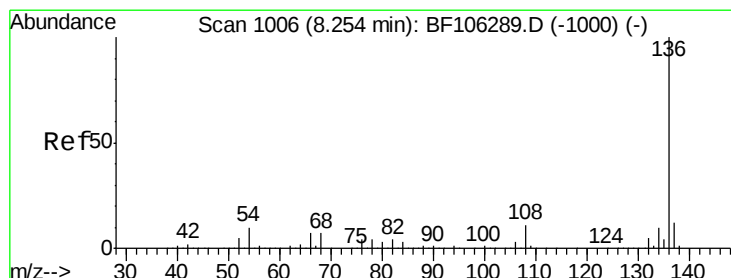
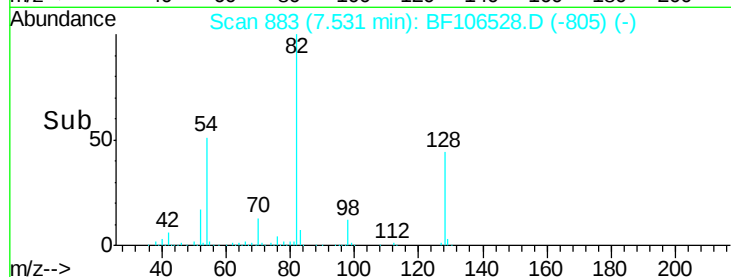
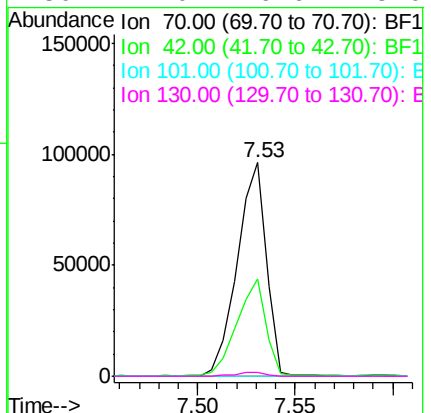
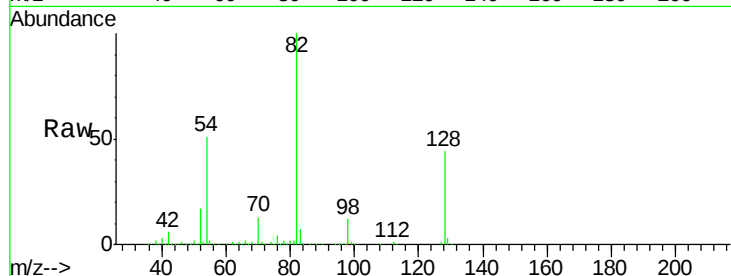




#19
n-Nitroso-di-n-propylamine
Concen: 14.678 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106528.D
Acq: 18 Jun 2018 10:29

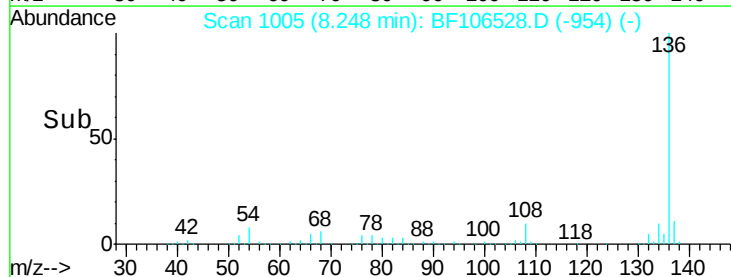
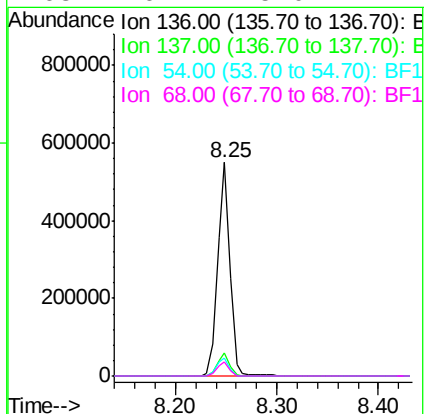
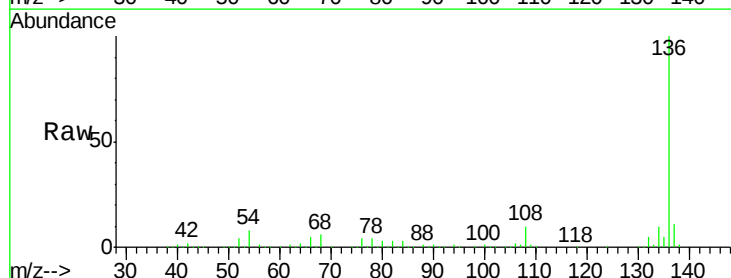
Instrument :
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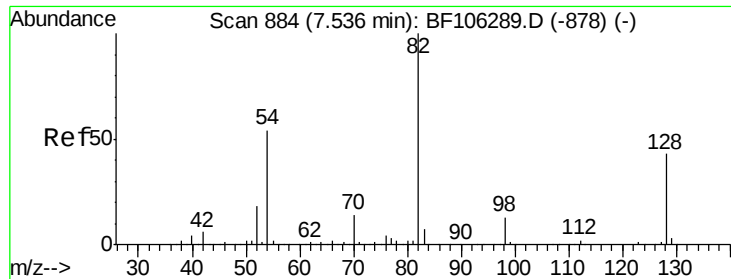
Tgt Ion: 70 Resp: 99008
Ion Ratio Lower Upper
70 100
42 45.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106528.D
Acq: 18 Jun 2018 10:29

Tgt Ion: 136 Resp: 460129
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.4 6.6 9.8
68 6.4 5.0 7.4

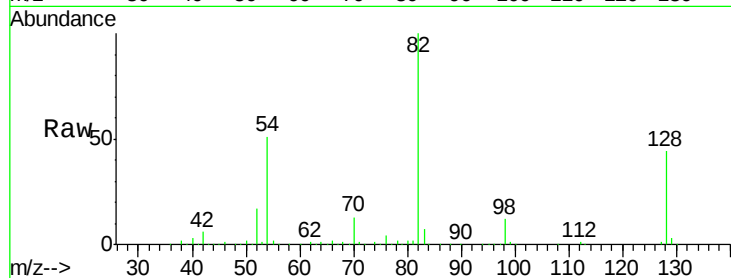




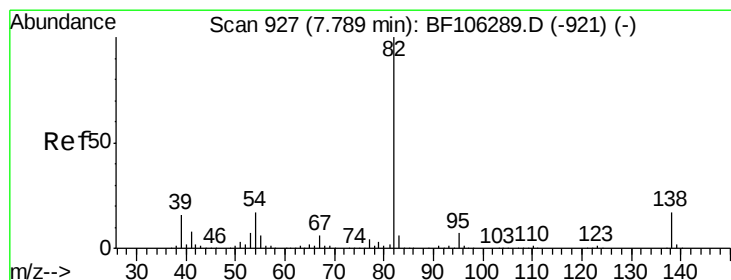
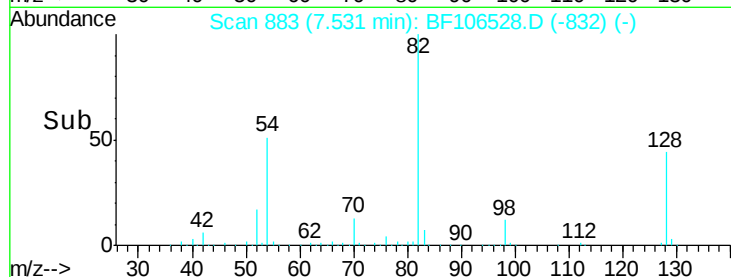
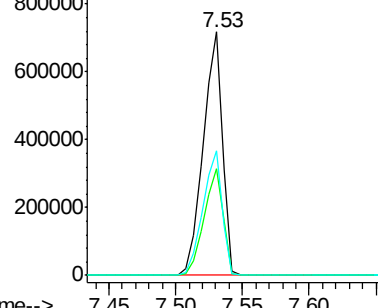
#23
 Nitrobenzene-d5
 Concen: 93.912 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106528.D
 Acq: 18 Jun 2018 10:29

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-8-061318

Tgt Ion: 82 Resp: 734532
 Ion Ratio Lower Upper
 82 100
 128 43.8 36.1 54.1
 54 51.1 41.4 62.2

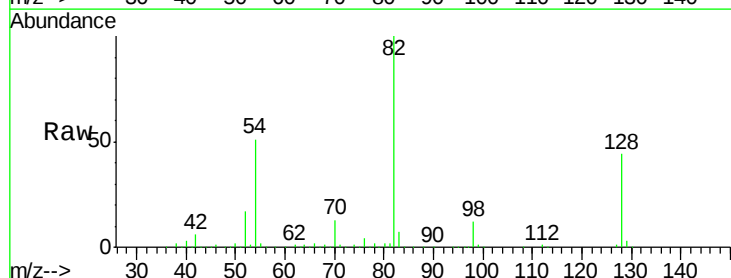


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

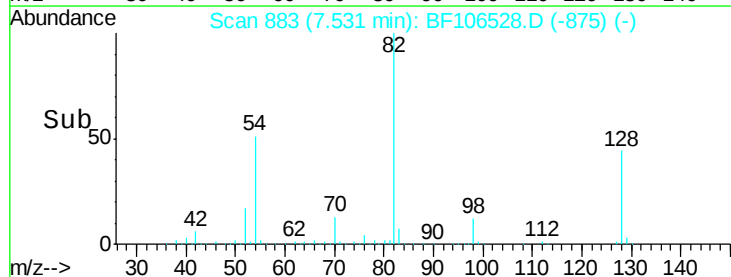
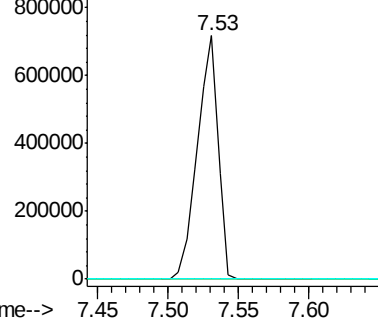


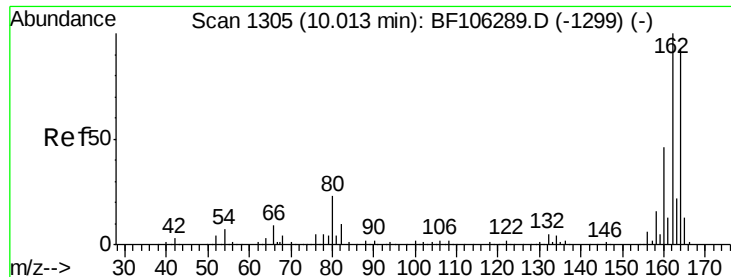
#25
 Isophorone
 Concen: 48.080 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.25 min
 Lab File: BF106528.D
 Acq: 18 Jun 2018 10:29

Tgt Ion: 82 Resp: 734526
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106528.D

Acq: 18 Jun 2018 10:29

Instrument :

BNA_F

ClientSampleId :

MWHR3-8-061318

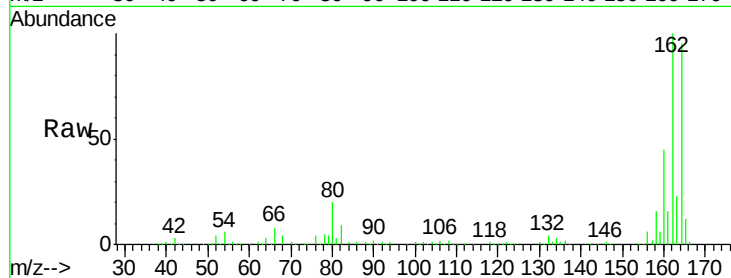
Tgt Ion:164 Resp: 226410

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

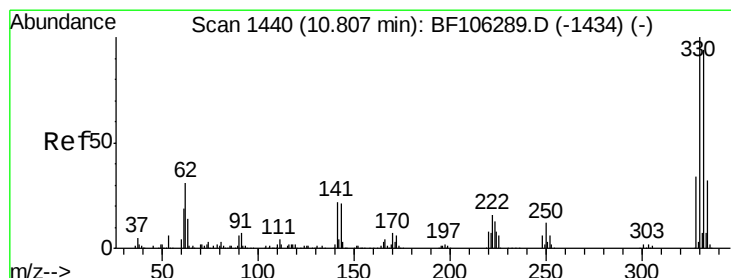
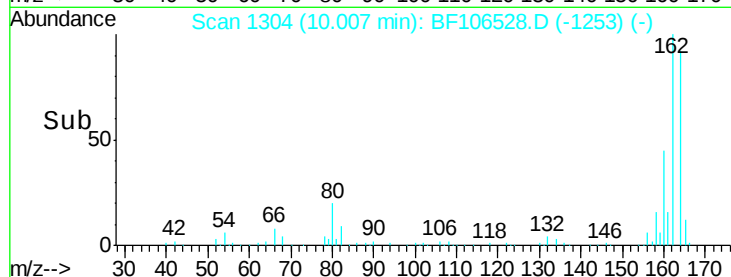
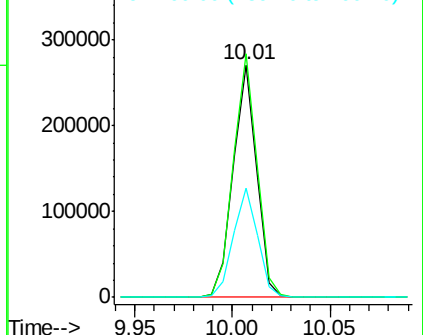
160 47.2 38.3 57.5



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: 149.674 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF106528.D

Acq: 18 Jun 2018 10:29

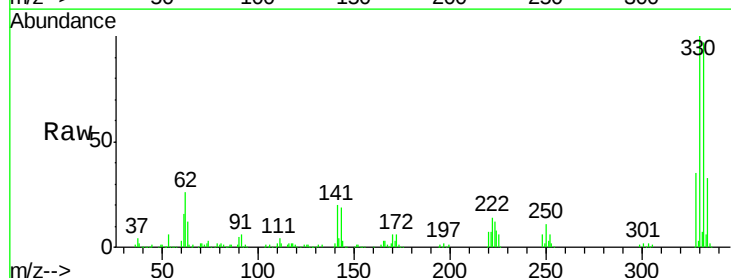
Tgt Ion:330 Resp: 326058

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

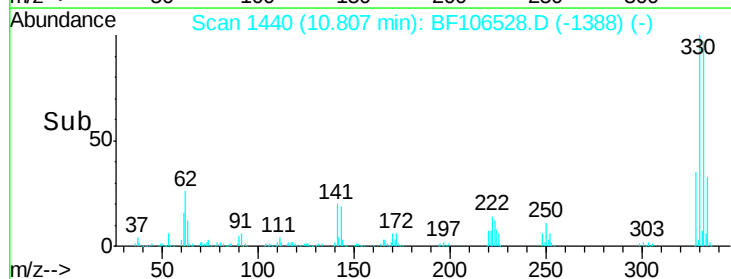
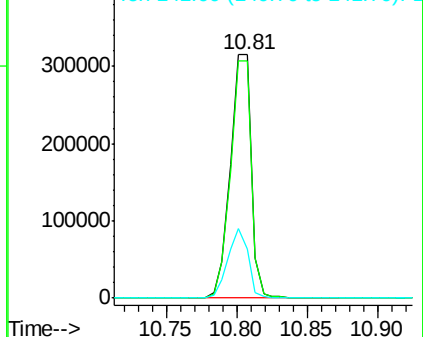
141 27.8 29.9 44.9#

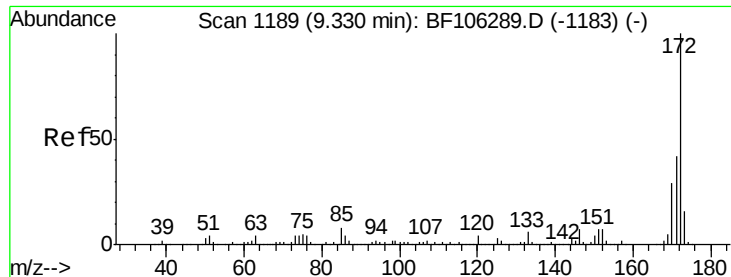


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

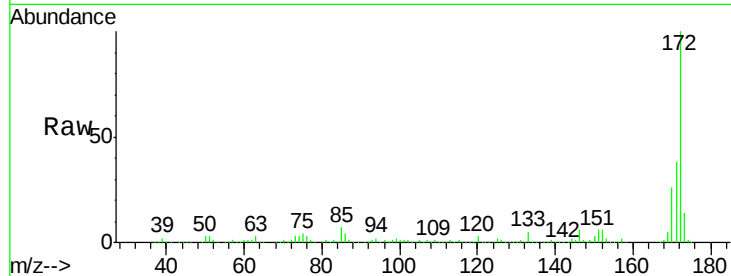




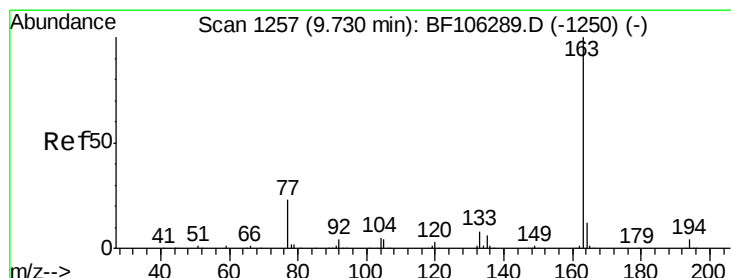
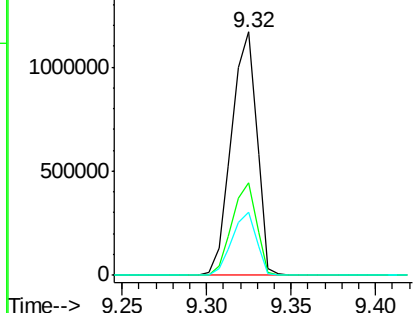
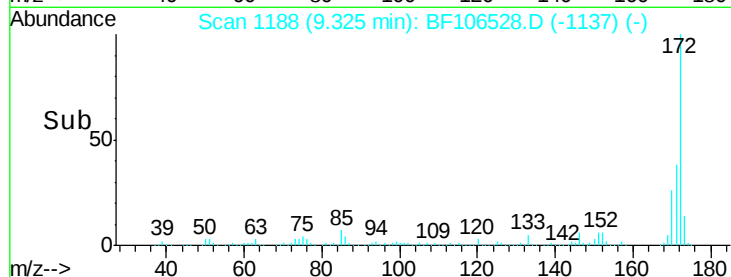
#44
 2-Fluorobiphenyl
 Concen: 102.336 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106528.D
 Acq: 18 Jun 2018 10:29

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Tgt Ion:172 Resp: 1225323
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.7 44.5
 170 26.1 19.6 29.4

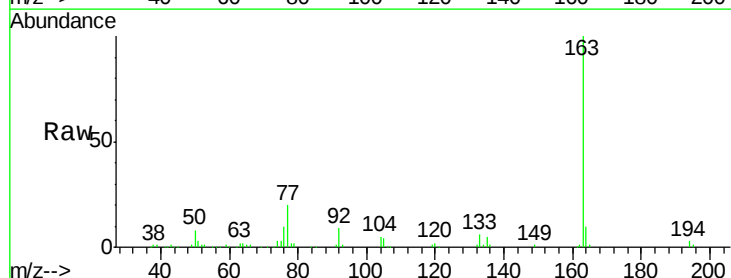


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

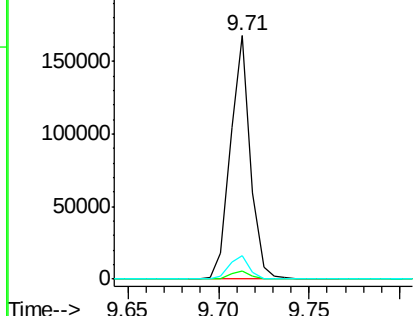
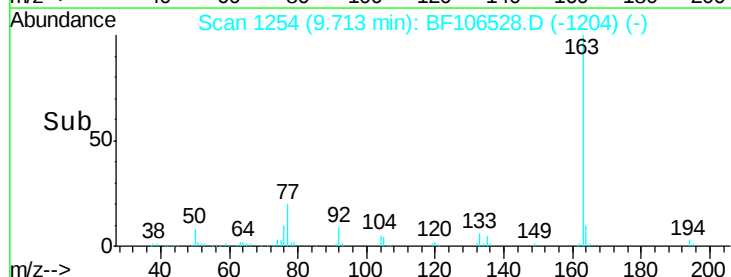


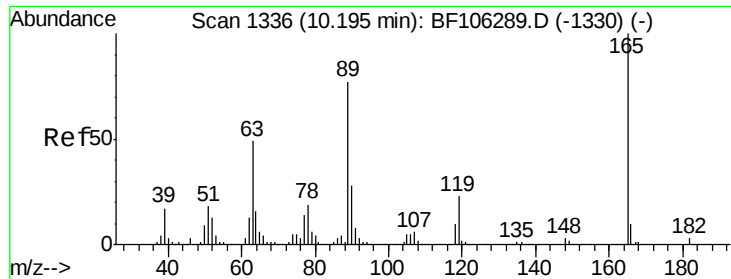
#49
 Dimethylphthalate
 Concen: 7.962 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106528.D
 Acq: 18 Jun 2018 10:29

Tgt Ion:163 Resp: 128788
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 9.6 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

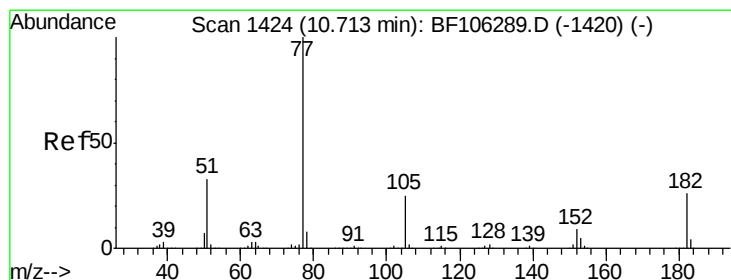
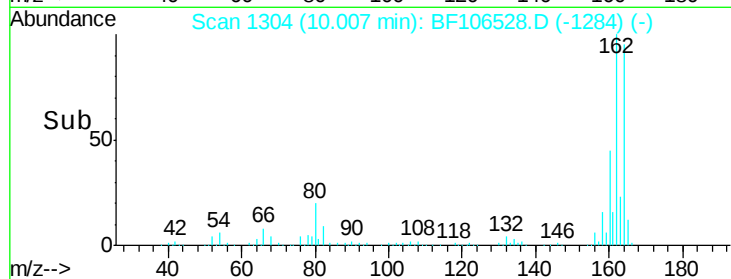
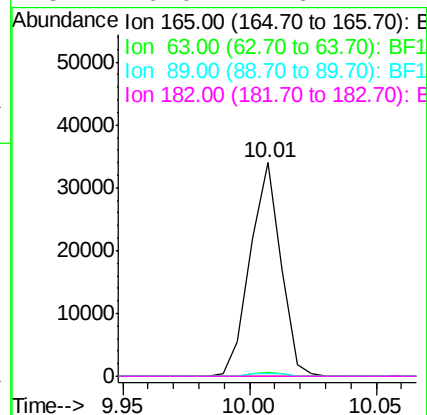
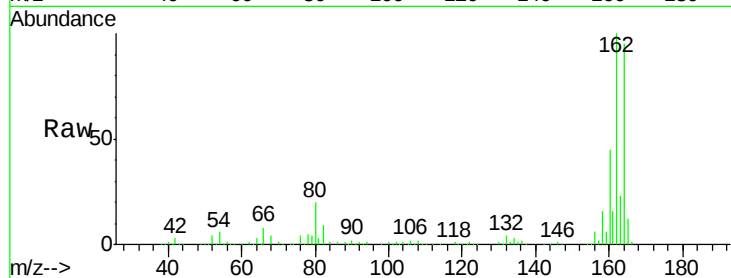




#56
 2,4-Dinitrotoluene
 Concen: 6.897 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.18 min
 Lab File: BF106528.D
 Acq: 18 Jun 2018 10:29

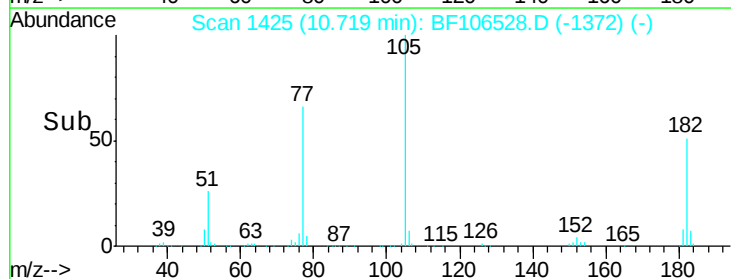
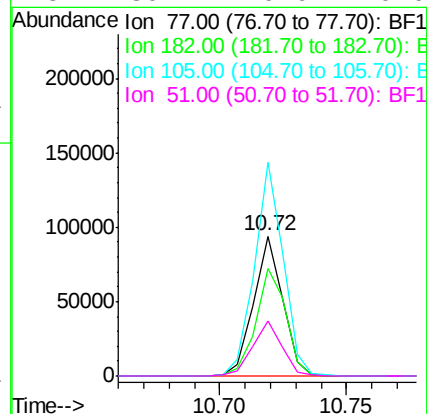
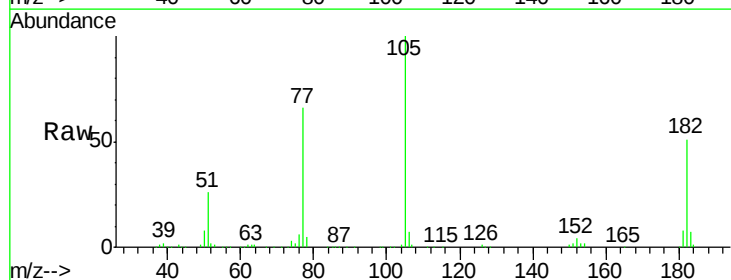
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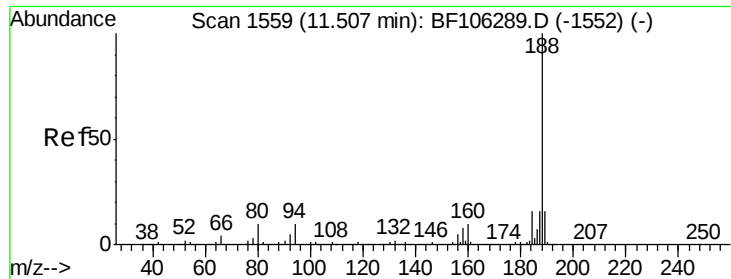
Tgt Ion:	165	Resp:	28616
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 4.496 ng
 RT: 10.72 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF106528.D
 Acq: 18 Jun 2018 10:29

Tgt Ion:	77	Resp:	75276
Ion	Ratio	Lower	Upper
77	100		
182	77.2	1.7	41.7#
105	152.6	3.0	43.0#
51	39.4	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106528.D

Acq: 18 Jun 2018 10:29

Instrument :

BNA_F

ClientSampleId :

MWHR3-8-061318

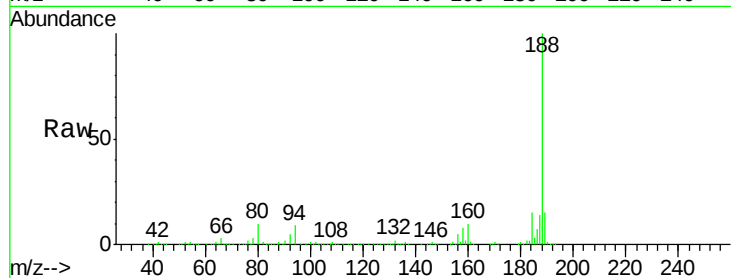
Tgt Ion:188 Resp: 455490

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

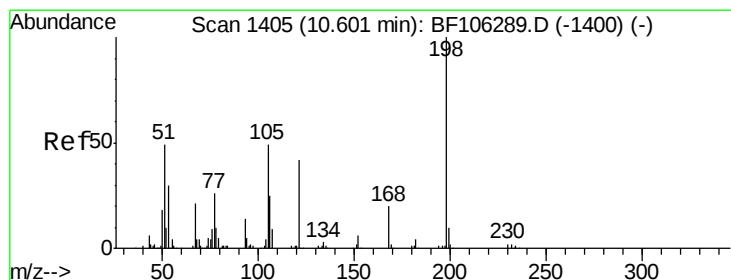
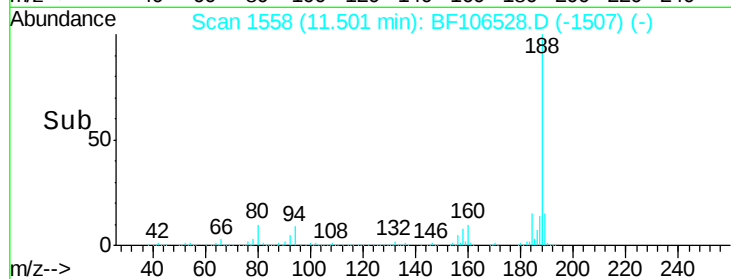
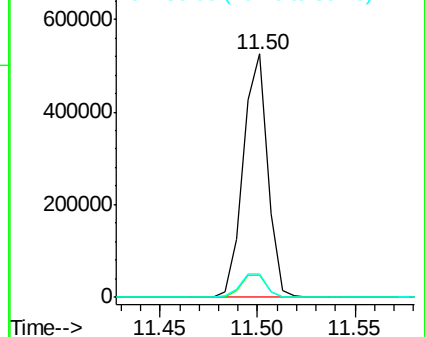
80 9.7 9.2 13.8



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: 6.550 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106528.D

Acq: 18 Jun 2018 10:29

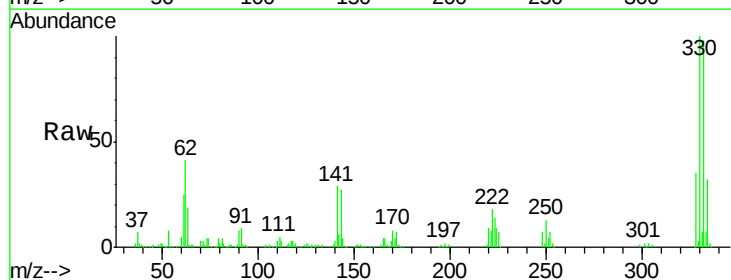
Tgt Ion:198 Resp: 721

Ion Ratio Lower Upper

198 100

51 134.2 37.7 77.7#

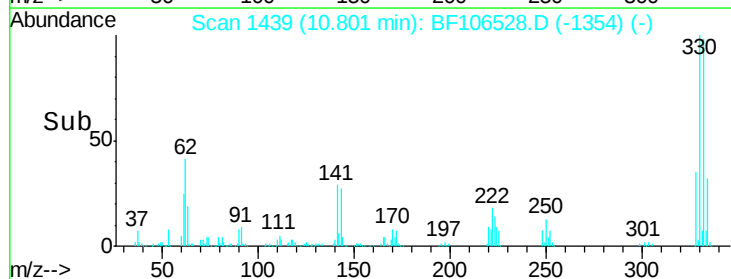
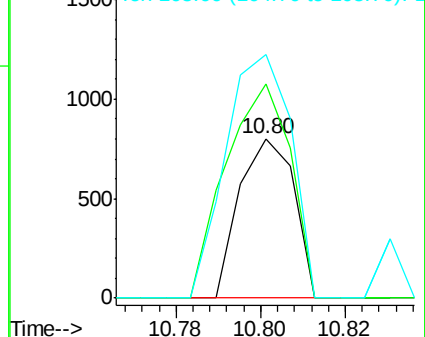
105 152.8 36.3 76.3#

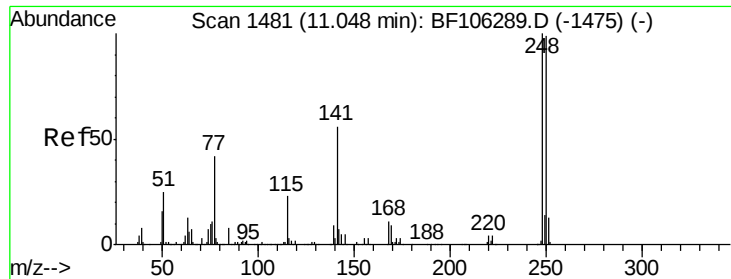


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

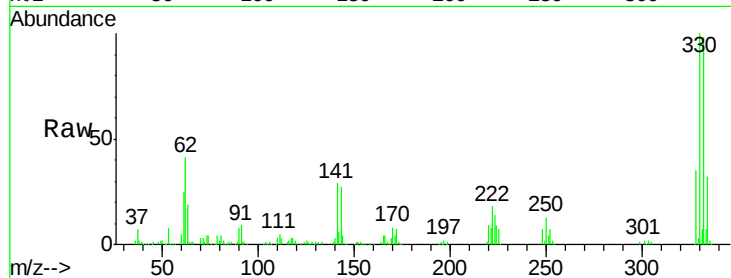




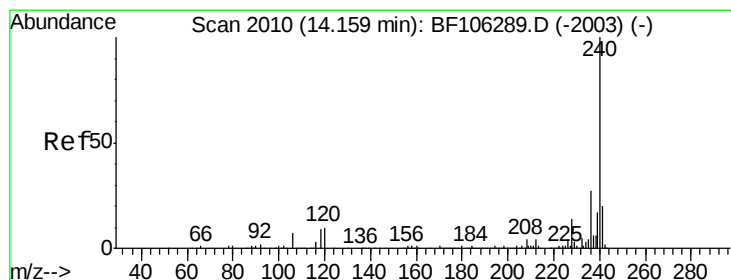
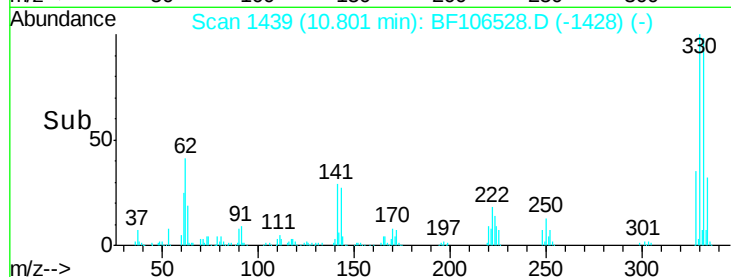
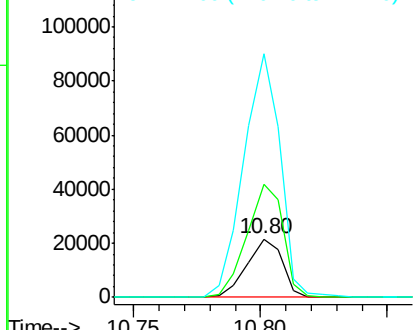
#66
4-Bromophenyl-phenylether
Concen: 4.120 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106528.D
Acq: 18 Jun 2018 10:29

Instrument :
BNA_F
ClientSampleId :
MWHR3-8-061318

Tgt Ion:248 Resp: 21343
Ion Ratio Lower Upper
248 100
250 193.1 76.9 115.3#
141 415.2 74.4 111.6#

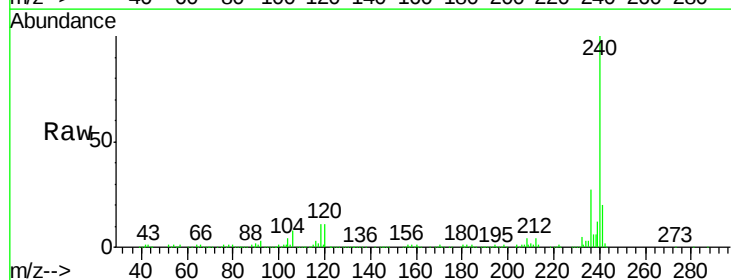


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

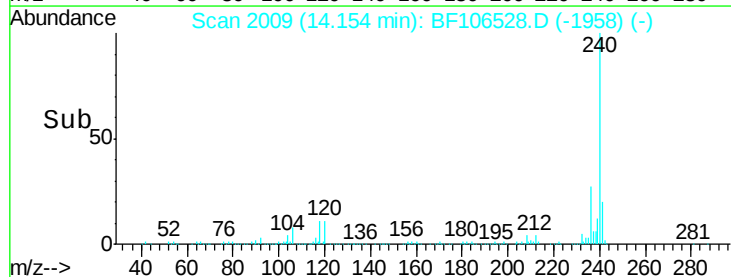
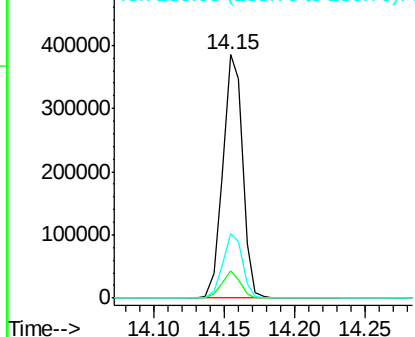


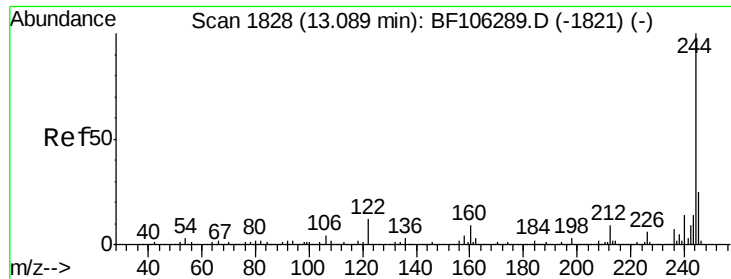
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF106528.D
Acq: 18 Jun 2018 10:29

Tgt Ion:240 Resp: 375028
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

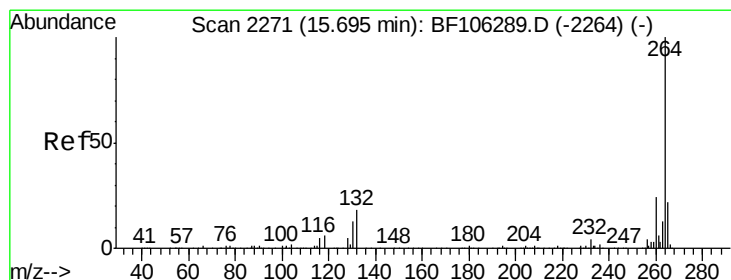
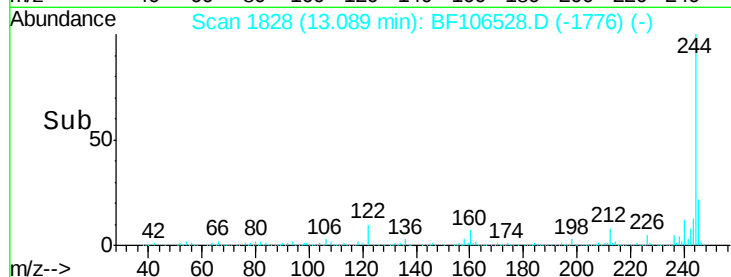
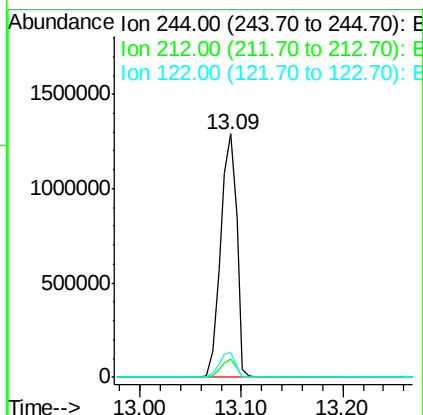
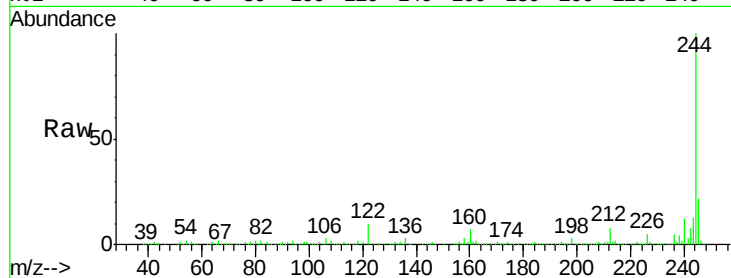




#78
 Terphenyl-d14
 Concen: 93.695 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF106528.D
 Acq: 18 Jun 2018 10:29

Instrument :
 BNA_F
 ClientSampleId :
 MWHR3-8-061318

Tgt Ion:244 Resp: 1414703
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.0
 122 10.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. 0.02 min
 Lab File: BF106528.D
 Acq: 18 Jun 2018 10:29

Tgt Ion:264 Resp: 301855
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.2 28.8
 265 22.0 17.5 26.3

