

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
 Data File : BF106467.D
 Acq On : 15 Jun 2018 2:51
 Operator : JU/SJ
 Sample : J3495-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN-002A-061318

Quant Time: Jun 15 08:26:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	103494	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	333966	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	139063	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	312082	20.00	ng	0.00
75) Chrysene-d12	14.15	240	329243	20.00	ng	-0.01
86) Perylene-d12	15.68	264	237370	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	405031	66.24	ng	0.00
7) Phenol-d6	6.61	99	319675	41.38	ng	0.00
23) Nitrobenzene-d5	7.53	82	538846	94.92	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	229992	171.89	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	859452	127.86	ng	0.00
78) Terphenyl-d14	13.08	244	1130227	85.26	ng	0.00

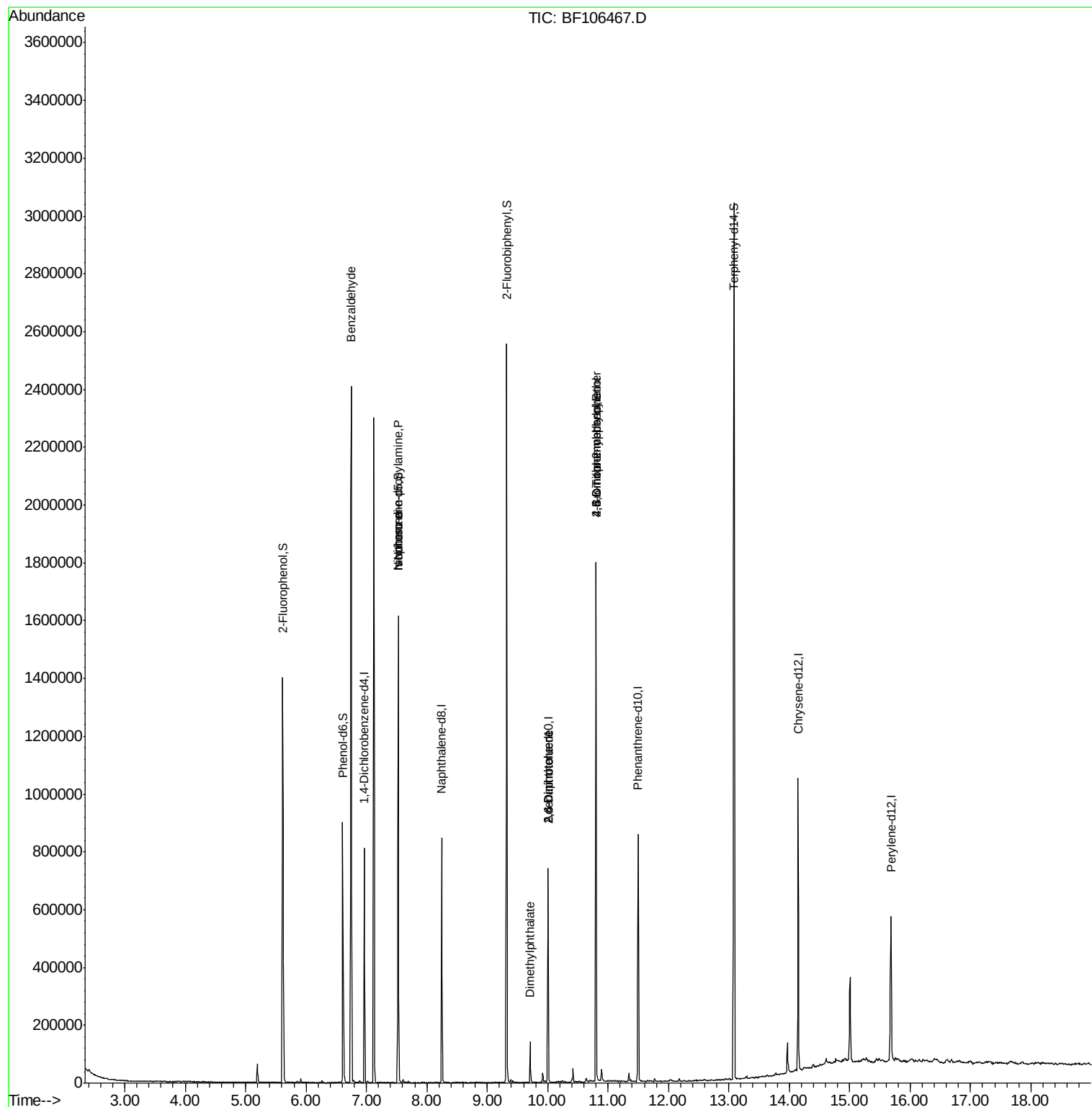
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	13847	2.363	ng	82
19) n-Nitroso-di-n-propylamine	7.53	70	71888	12.403	ng	# 74
25) Isophorone	7.53	82	538841	48.595	ng	# 64
49) Dimethylphthalate	9.71	163	51068	5.140	ng	# 99
50) 2,6-Dinitrotoluene	10.01	165	17802	8.772	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	17802	6.985	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	325	6.463	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14869	4.189	ng	# 1

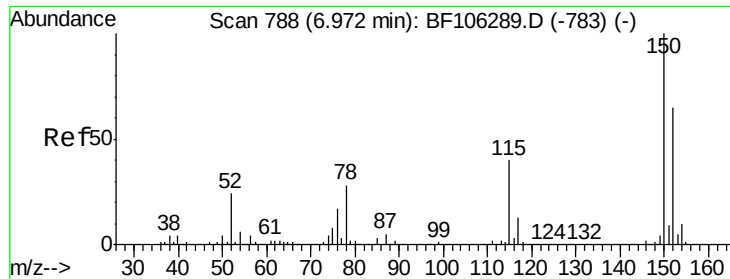
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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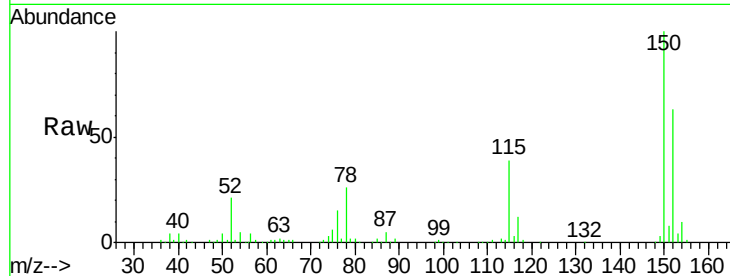


#1

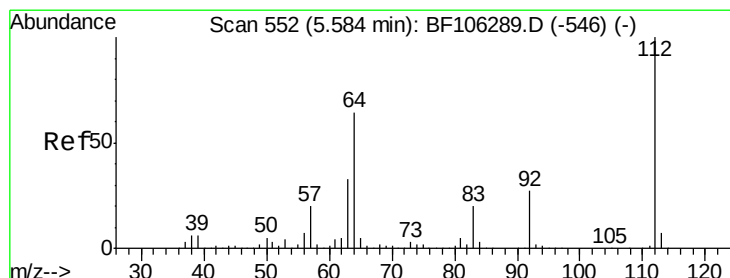
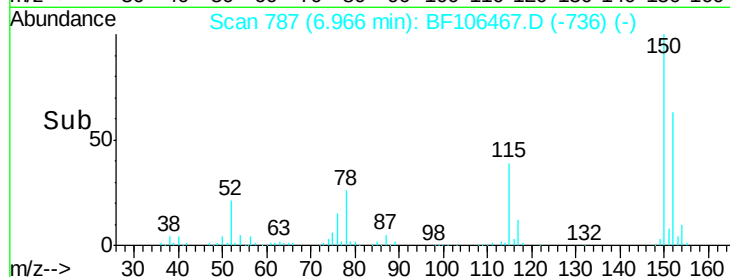
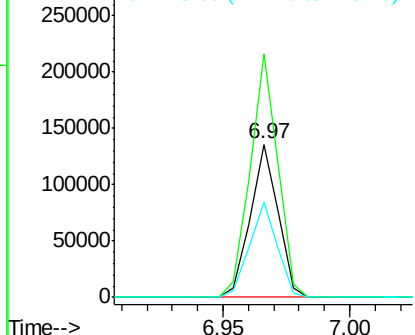
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106467.D
Acq: 15 Jun 2018 2:51

Instrument :
BNA_F
ClientSampleId :
DSN-002A-061318

Tgt Ion:152 Resp: 103494
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 61.9 50.1 75.1



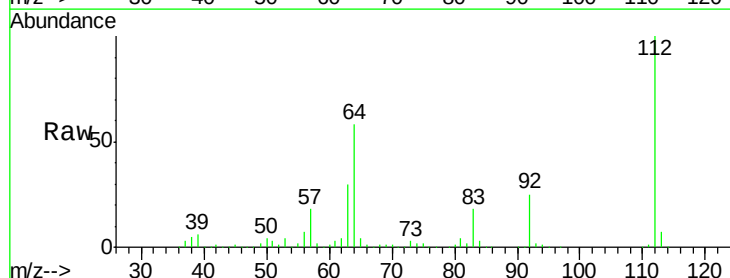
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



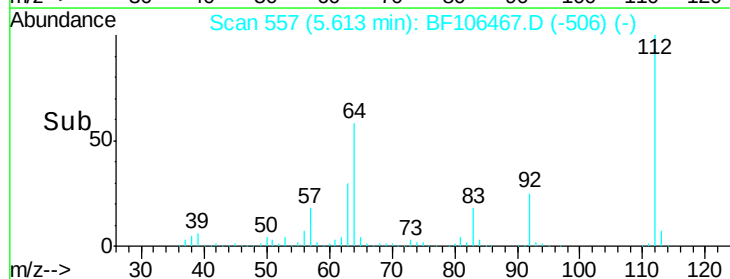
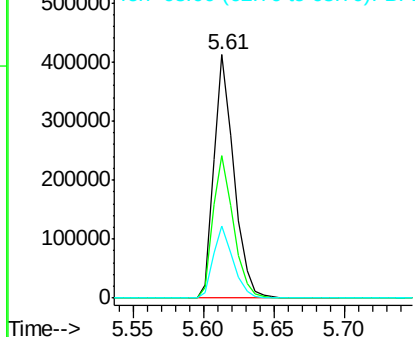
#5

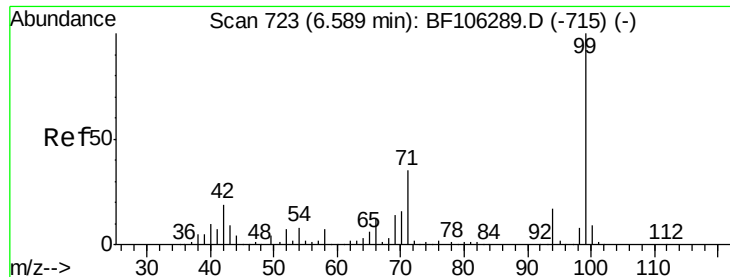
2-Fluorophenol
Concen: 66.237 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106467.D
Acq: 15 Jun 2018 2:51

Tgt Ion:112 Resp: 405031
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 29.9 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: 41.379 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106467.D

Acq: 15 Jun 2018 2:51

Instrument :

BNA_F

ClientSampleId :

DSN-002A-061318

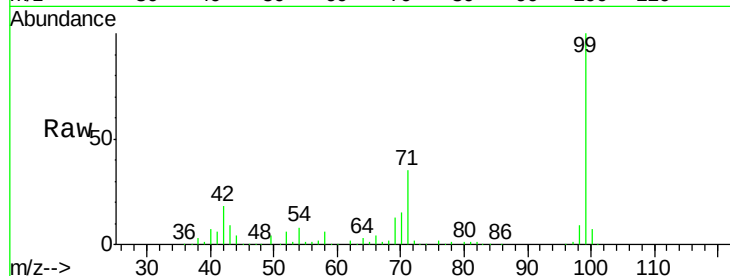
Tgt Ion: 99 Resp: 319675

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

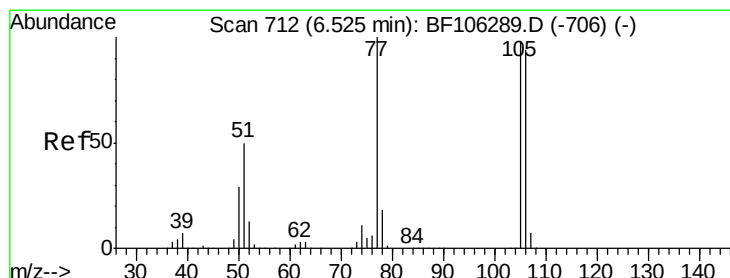
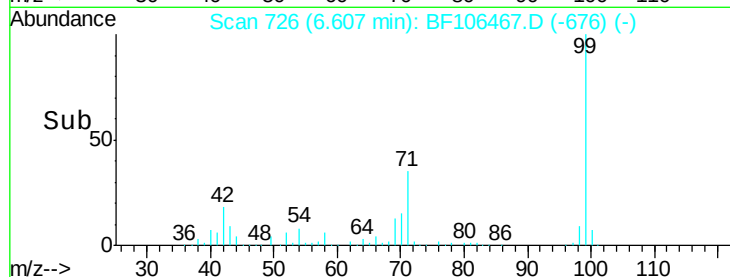
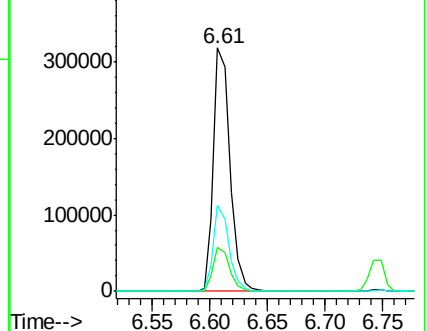
71 35.5 25.4 38.0



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: 2.363 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106467.D

Acq: 15 Jun 2018 2:51

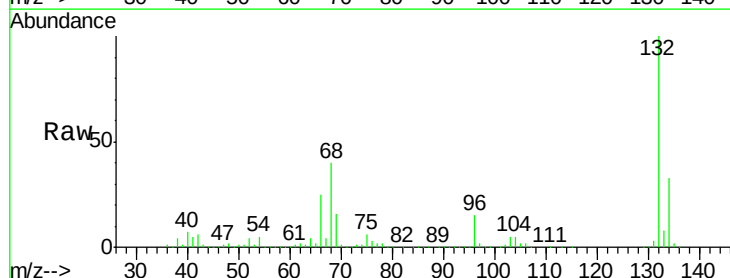
Tgt Ion: 77 Resp: 13847

Ion Ratio Lower Upper

77 100

105 81.2 81.1 121.1

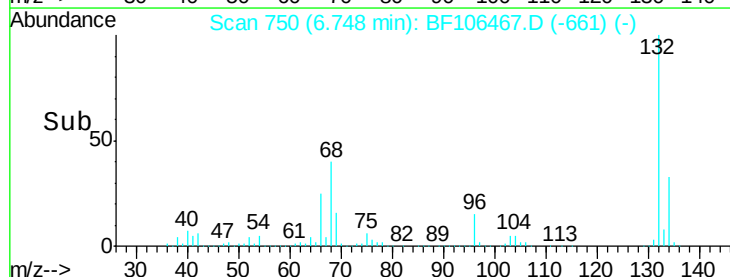
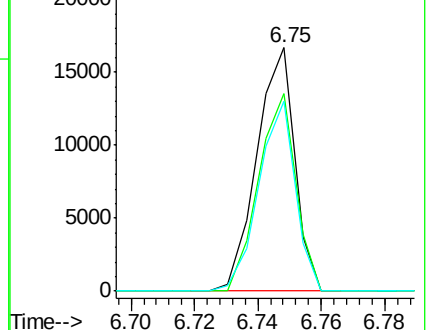
106 78.1 74.5 114.5

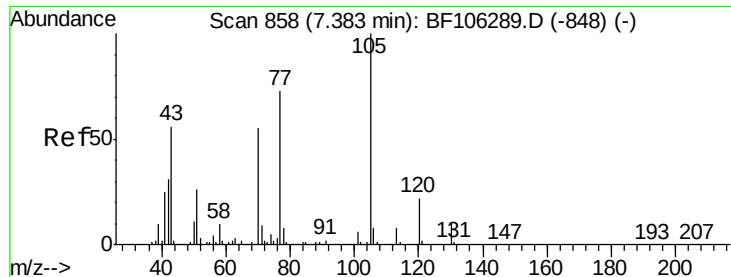


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

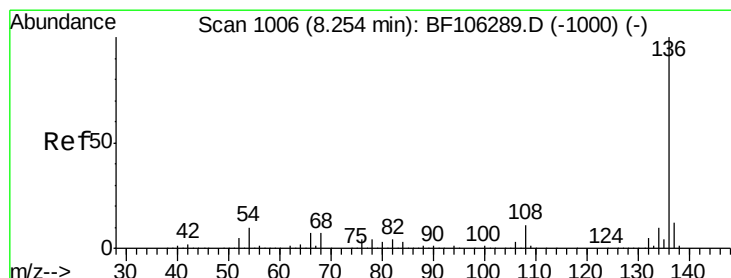
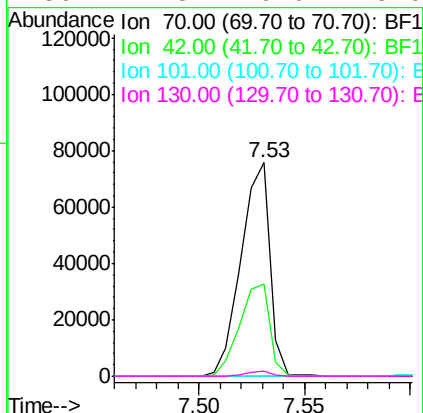
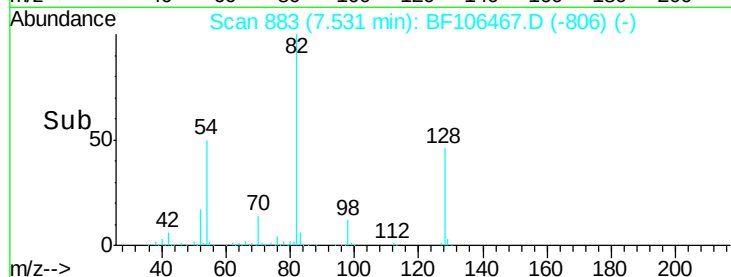
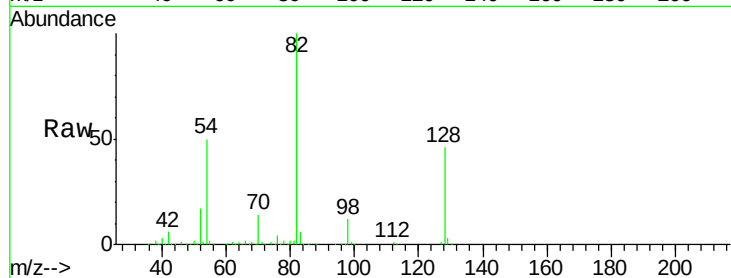




#19
n-Nitroso-di-n-propylamine
Concen: 12.403 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106467.D
Acq: 15 Jun 2018 2:51

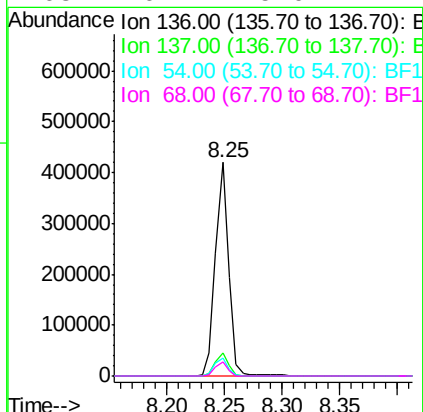
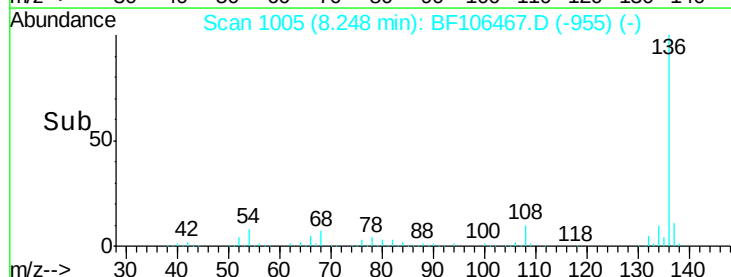
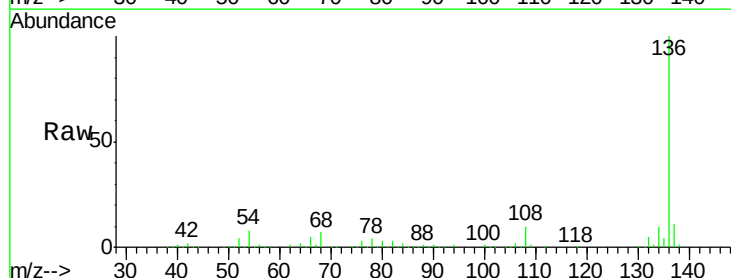
Instrument :
BNA_F
ClientSampleId :
DSN-002A-061318

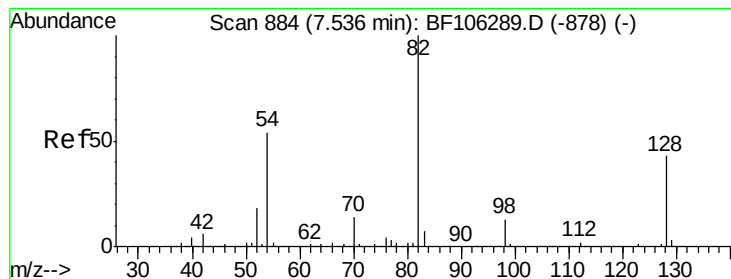
Tgt Ion: 70 Resp: 71888
Ion Ratio Lower Upper
70 100
42 43.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106467.D
Acq: 15 Jun 2018 2:51

Tgt Ion: 136 Resp: 333966
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.3 6.6 9.8
68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 94.918 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106467.D

Acq: 15 Jun 2018 2:51

Instrument :

BNA_F

ClientSampleId :

DSN-002A-061318

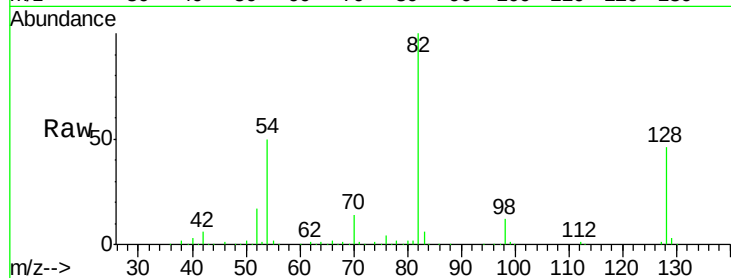
Tgt Ion: 82 Resp: 538846

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

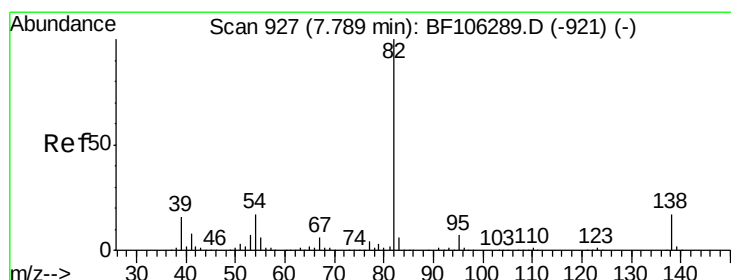
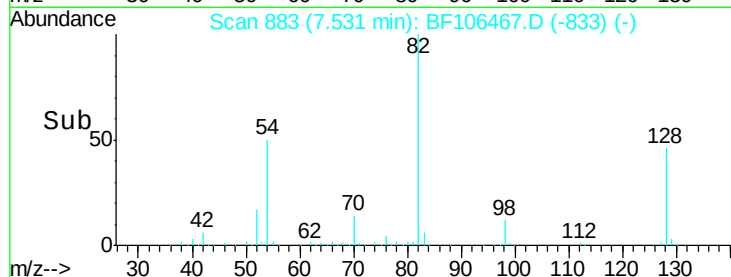
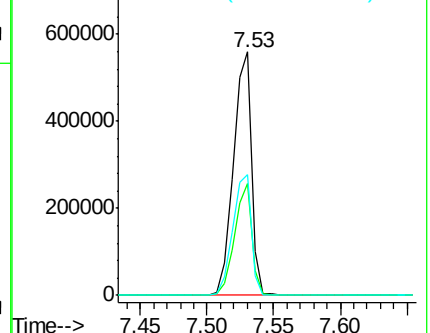
54 49.6 41.4 62.2



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: 48.595 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106467.D

Acq: 15 Jun 2018 2:51

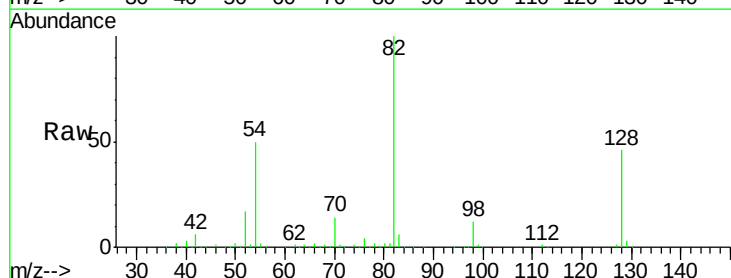
Tgt Ion: 82 Resp: 538841

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

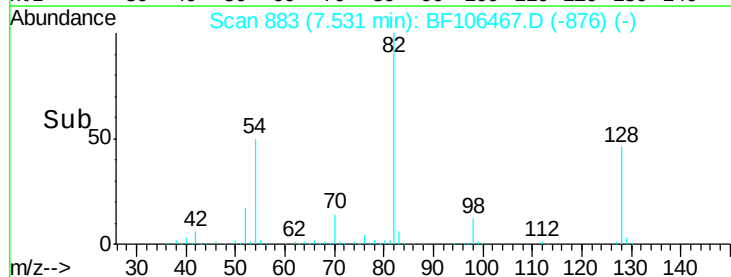
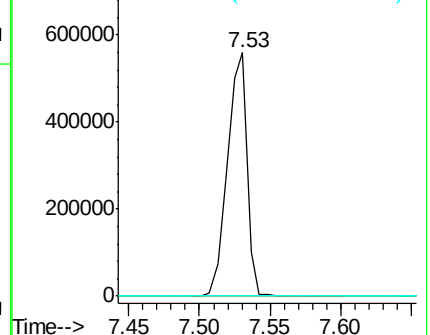
138 0.0 14.9 22.3#

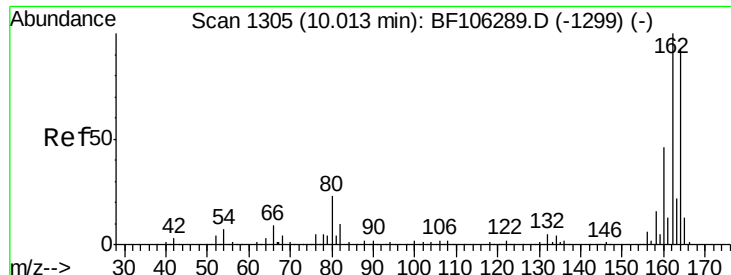


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF106467.D

Acq: 15 Jun 2018 2:51

Instrument :

BNA_F

ClientSampleId :

DSN-002A-061318

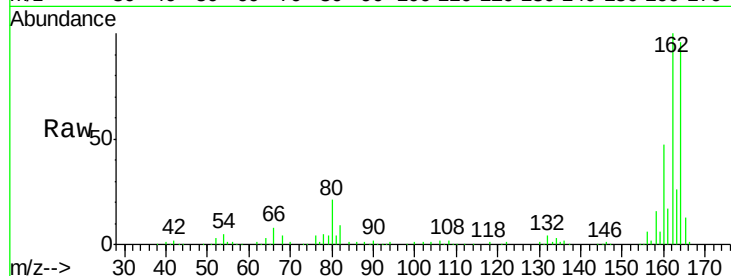
Tgt Ion:164 Resp: 139063

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

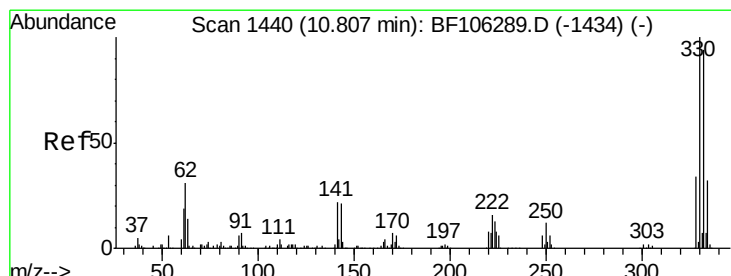
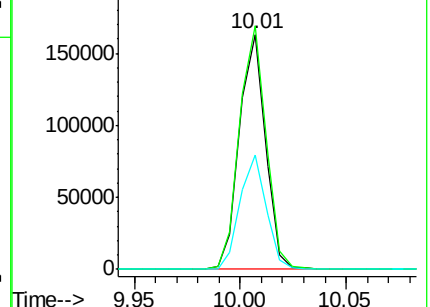
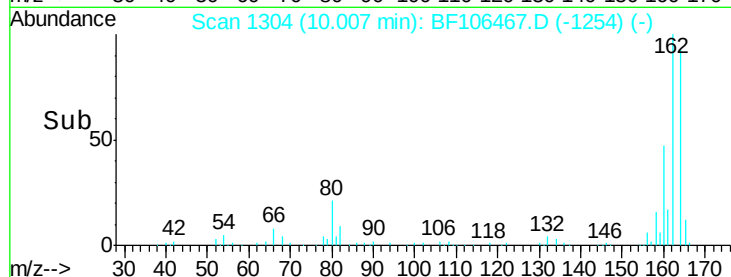
160 48.9 38.3 57.5



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: 171.889 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106467.D

Acq: 15 Jun 2018 2:51

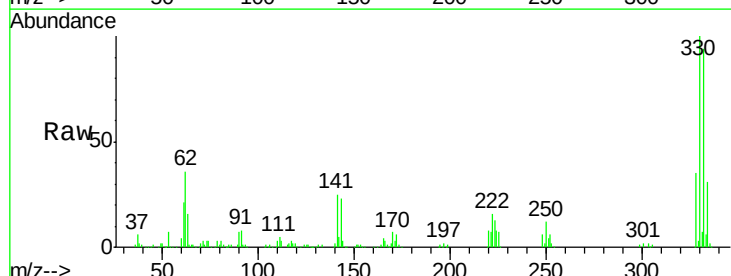
Tgt Ion:330 Resp: 229992

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

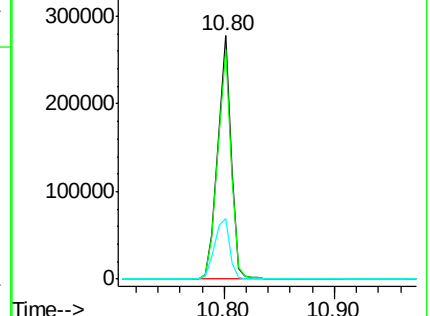
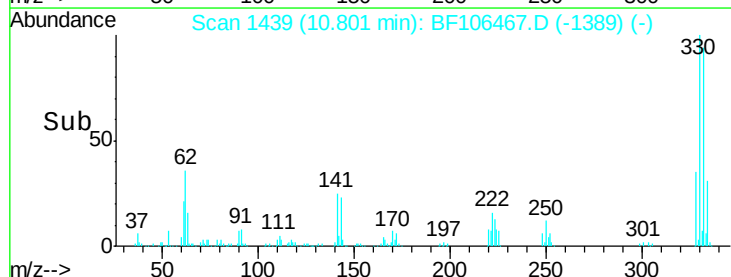
141 28.0 29.9 44.9#

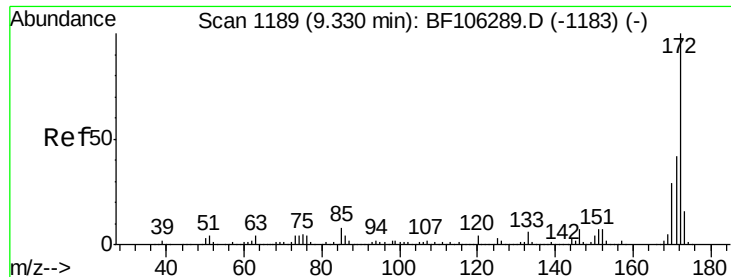


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

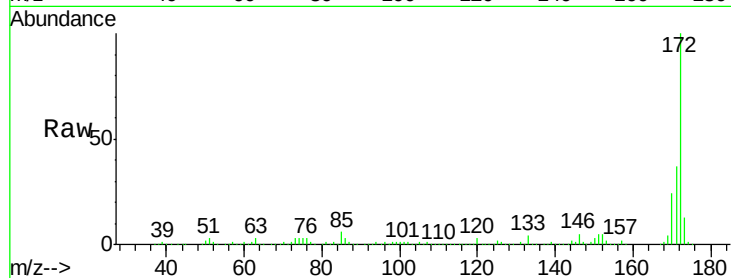




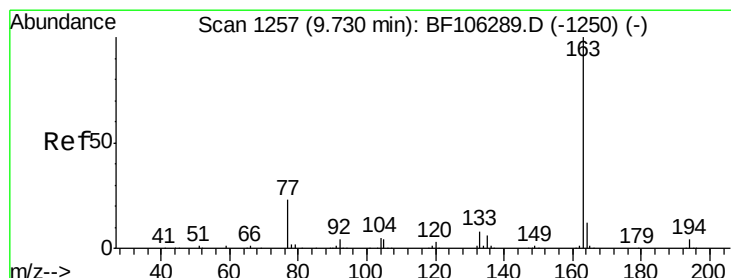
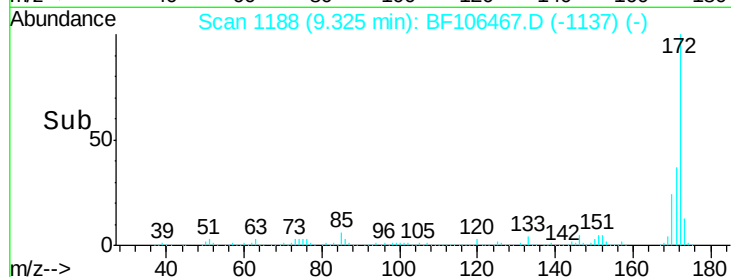
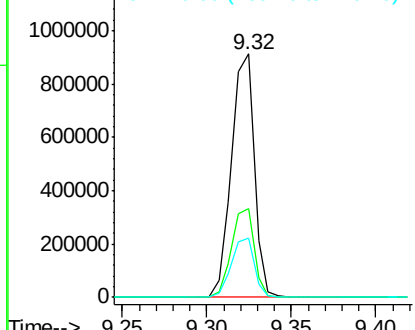
#44
2-Fluorobiphenyl
Concen: 127.858 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF106467.D
Acq: 15 Jun 2018 2:51

Instrument :
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Tgt Ion:172 Resp: 859452
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.4 19.6 29.4

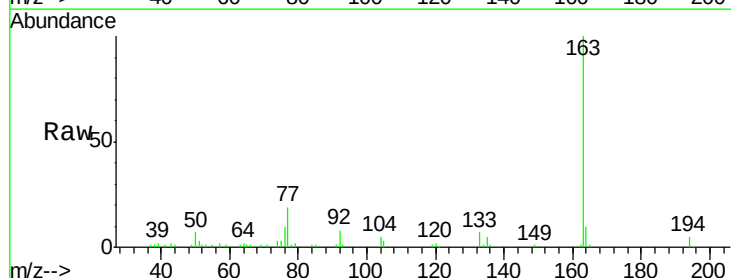


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

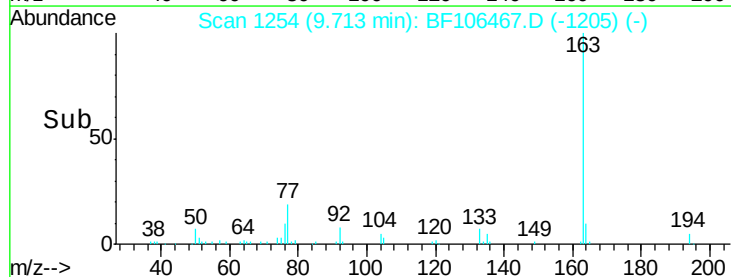
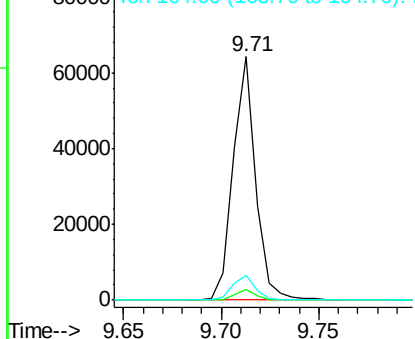


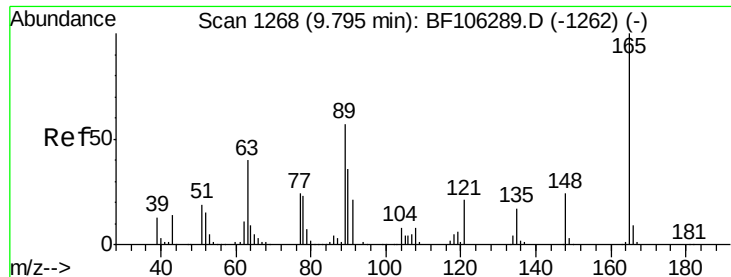
#49
Dimethylphthalate
Concen: 5.140 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106467.D
Acq: 15 Jun 2018 2:51

Tgt Ion:163 Resp: 51068
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 10.4 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

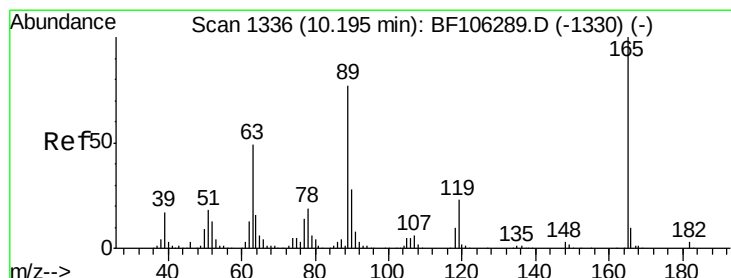
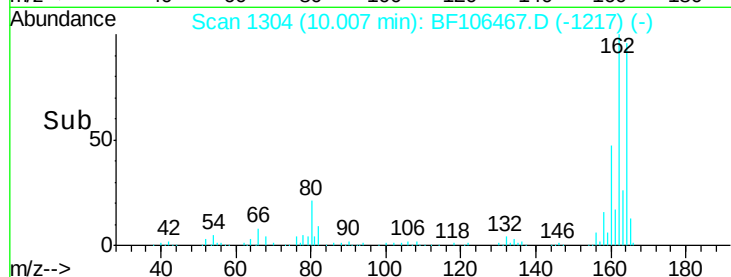
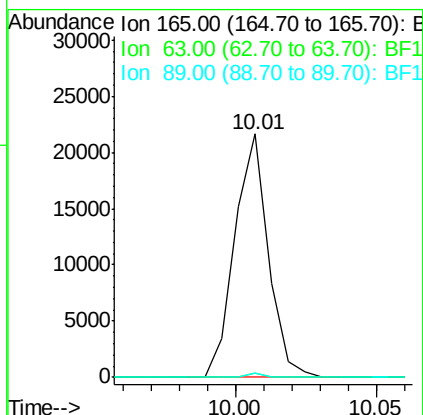
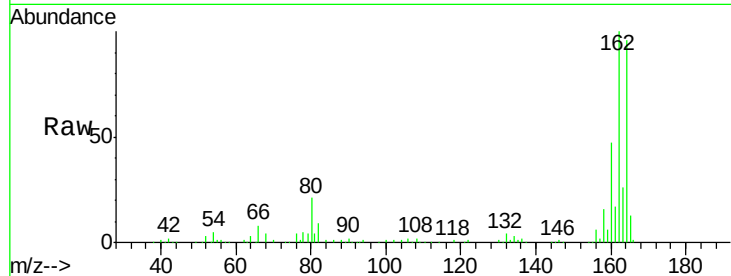




#50
 2,6-Dinitrotoluene
 Concen: 8.772 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF106467.D
 Acq: 15 Jun 2018 2:51

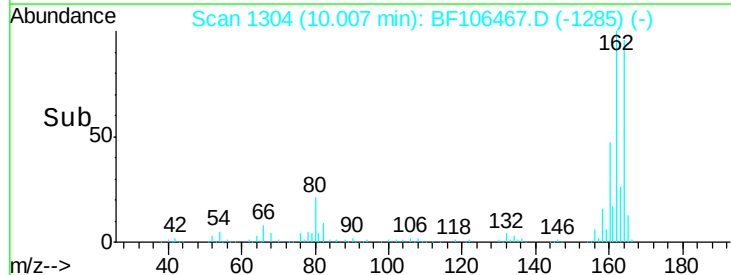
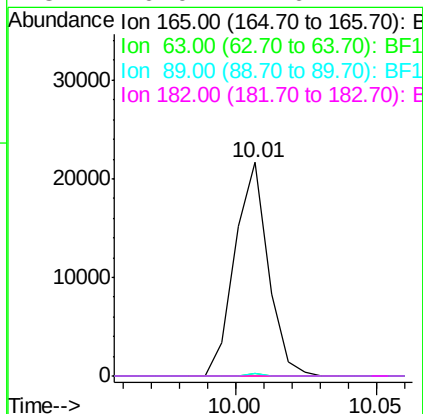
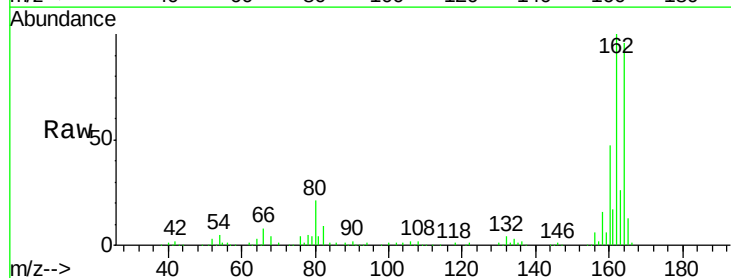
Instrument :
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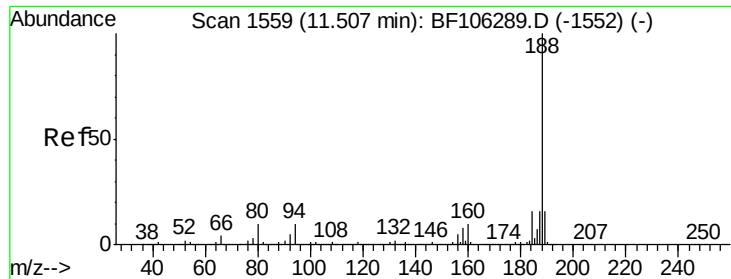
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.985 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF106467.D
 Acq: 15 Jun 2018 2:51

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106467.D

Acq: 15 Jun 2018 2:51

Instrument :

BNA_F

ClientSampleId :

DSN-002A-061318

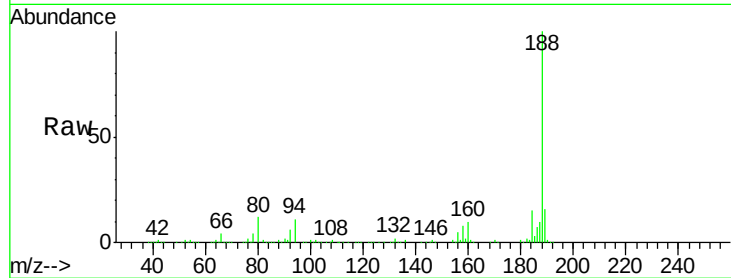
Tgt Ion:188 Resp: 312082

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

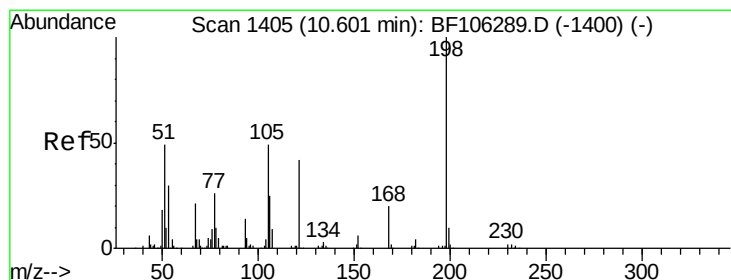
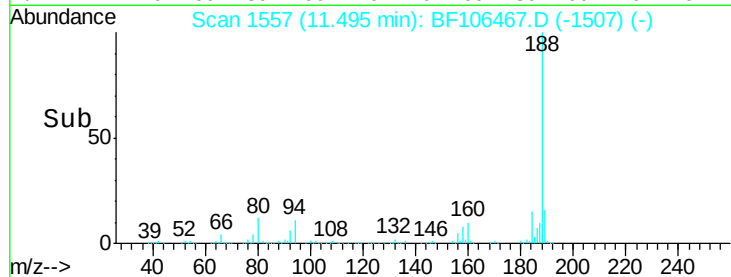
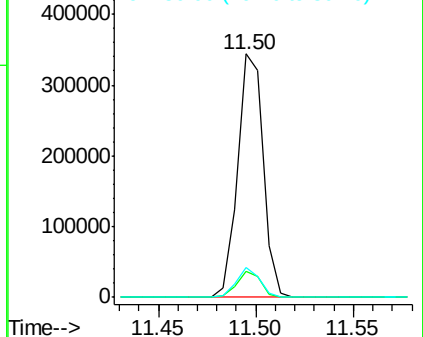
80 12.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 6.463 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.19 min

Lab File: BF106467.D

Acq: 15 Jun 2018 2:51

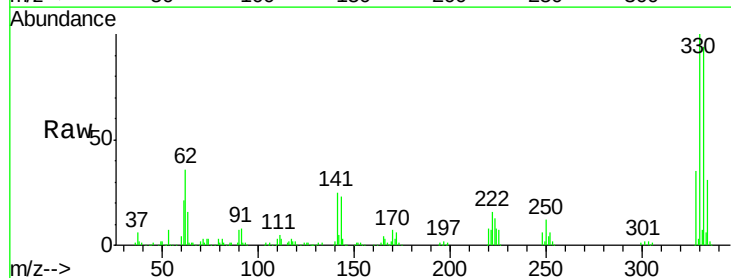
Tgt Ion:198 Resp: 325

Ion Ratio Lower Upper

198 100

51 182.2 37.7 77.7#

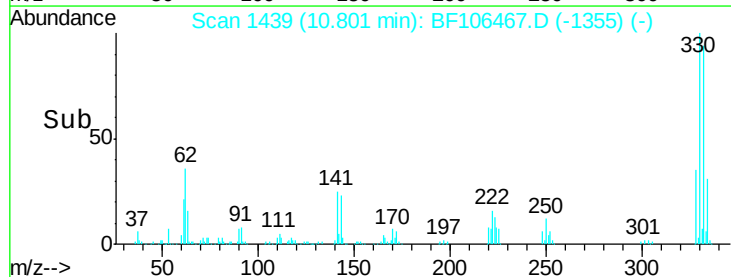
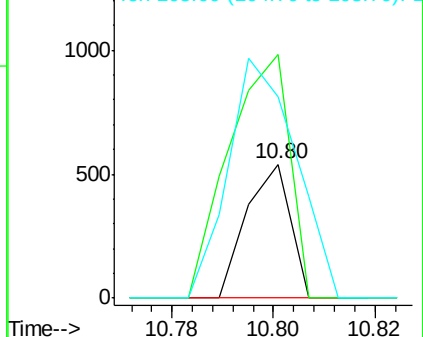
105 150.8 36.3 76.3#

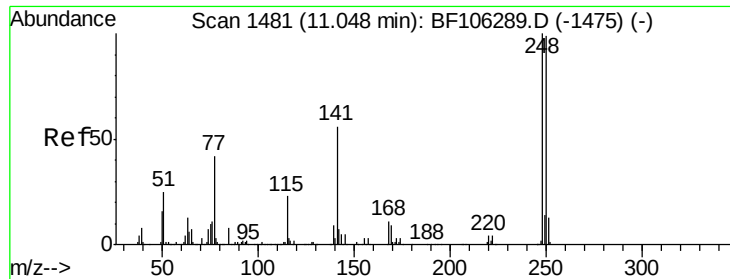


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

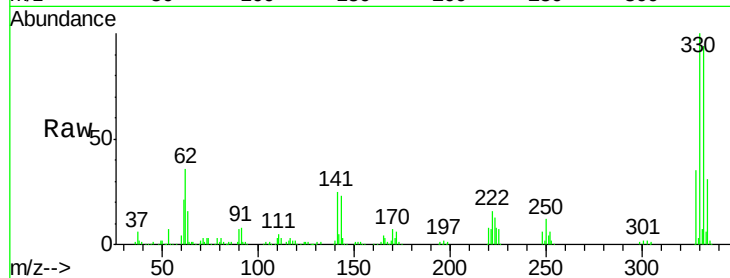




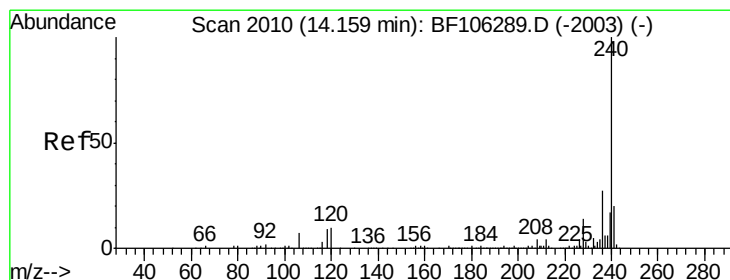
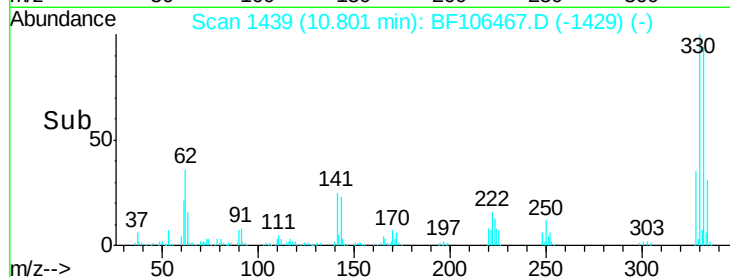
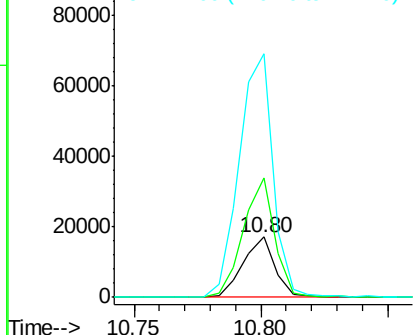
#66
 4-Bromophenyl-phenylether
 Concen: 4.189 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106467.D
 Acq: 15 Jun 2018 2:51

Instrument :
 BNA_F
 ClientSampleId :
 DSN-002A-061318

Tgt Ion:248 Resp: 14869
 Ion Ratio Lower Upper
 248 100
 250 198.1 76.9 115.3#
 141 403.8 74.4 111.6#

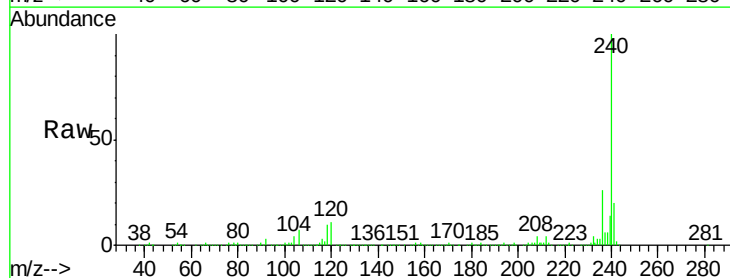


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

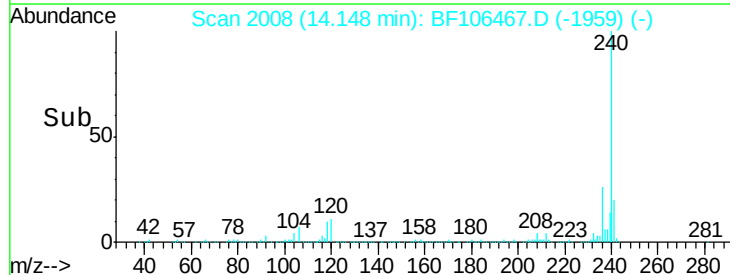
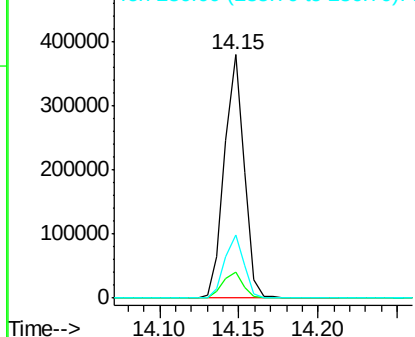


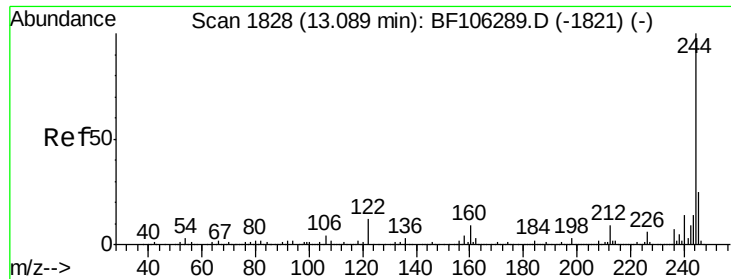
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106467.D
 Acq: 15 Jun 2018 2:51

Tgt Ion:240 Resp: 329243
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.5 14.3
 236 26.1 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

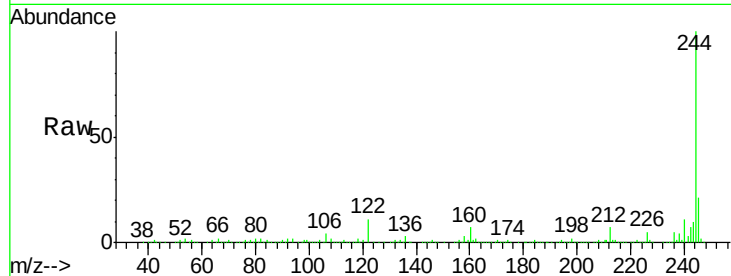




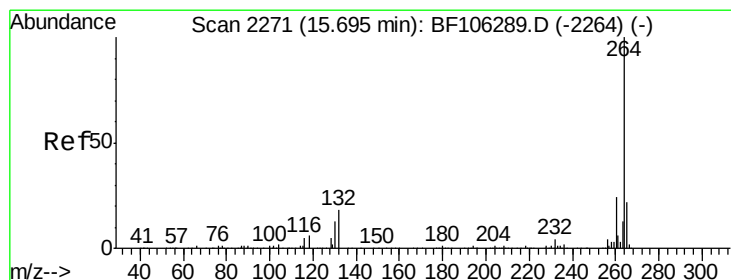
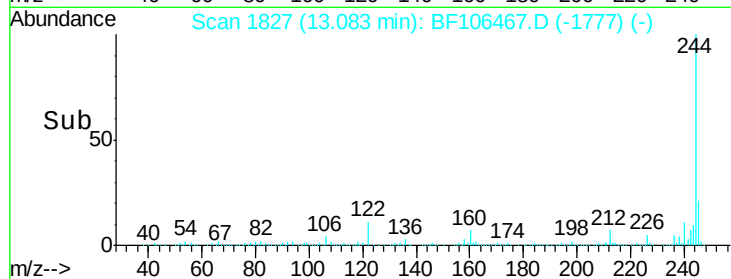
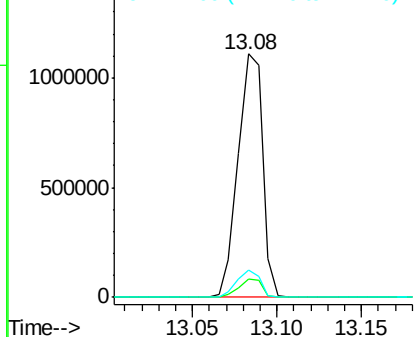
#78
 Terphenyl-d14
 Concen: 85.263 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF106467.D
 Acq: 15 Jun 2018 2:51

Instrument :
 BNA_F
 ClientSampleId :
 DSN-002A-061318

Tgt Ion:244 Resp: 1130227
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 11.0 11.0 16.4

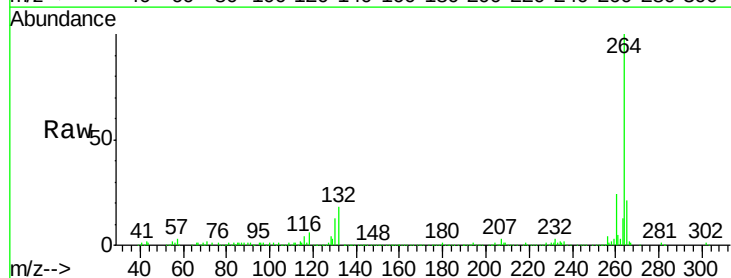


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BF106467.D
 Acq: 15 Jun 2018 2:51

Tgt Ion:264 Resp: 237370
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

