

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106529.D
 Acq On : 18 Jun 2018 11:02
 Operator : JU/SJ
 Sample : J3509-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-061318

Quant Time: Jun 19 01:04:17 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	121441	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	458531	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	222701	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	444239	20.00	ng	0.00
75) Chrysene-d12	14.15	240	331930	20.00	ng	0.00
86) Perylene-d12	15.71	264	255221	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	401705	55.98	ng	0.00
7) Phenol-d6	6.61	99	309323	34.12	ng	0.00
23) Nitrobenzene-d5	7.53	82	742965	95.32	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	331309	154.62	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1228687	105.50	ng	0.00
78) Terphenyl-d14	13.09	244	1306842	97.79	ng	0.00

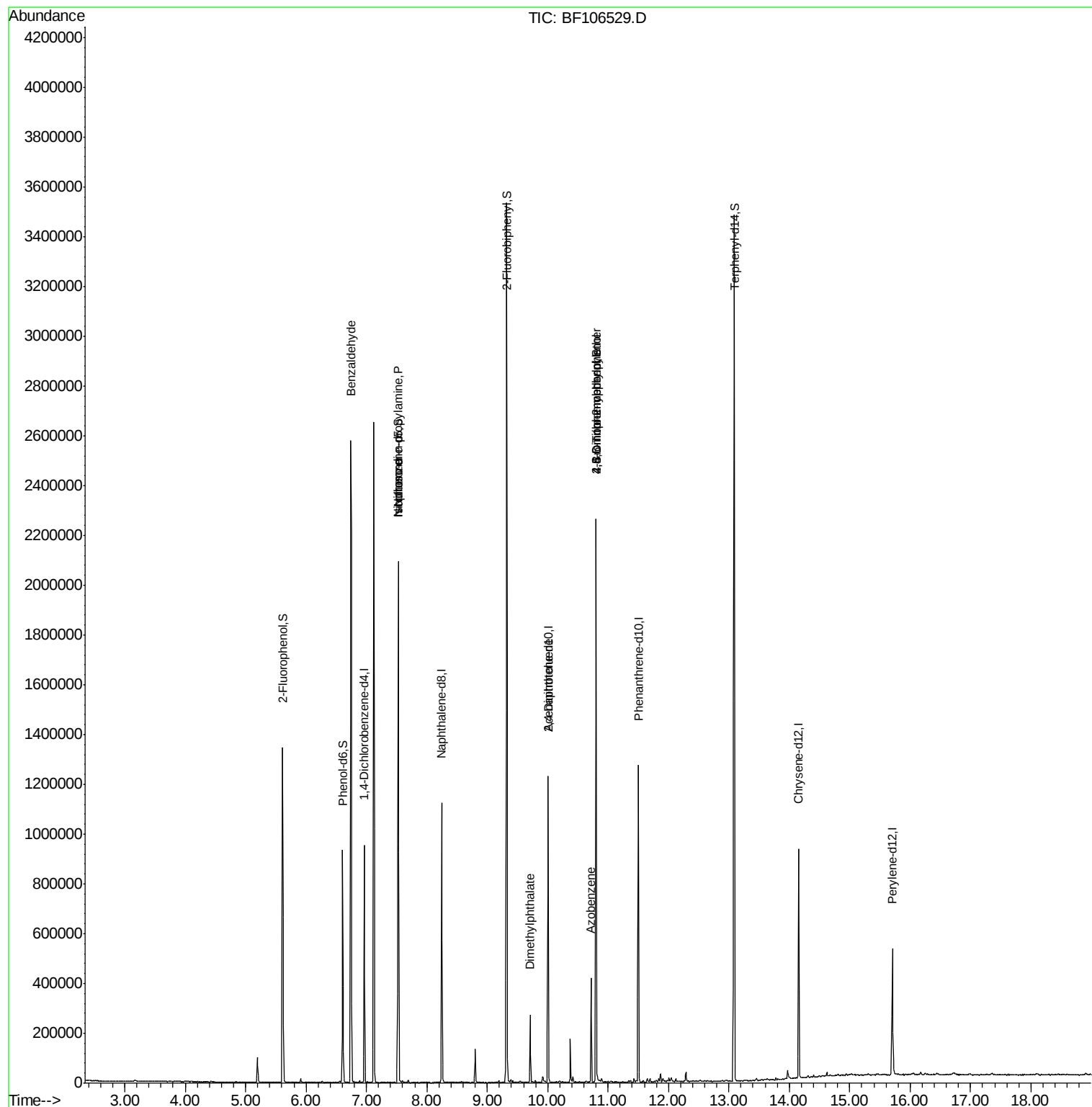
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	16442	2.391	ng	# 79
19) n-Nitroso-di-n-propylamine	7.53	70	100667	14.802	ng	# 72
25) Isophorone	7.53	82	742957	48.801	ng	# 64
49) Dimethylphthalate	9.71	163	103539	6.507	ng	100
56) 2,4-Dinitrotoluene	10.01	165	29240	7.164	ng	# 23
62) Azobenzene	10.72	77	72169	4.383	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.80	198	617	6.519	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	21167	4.189	ng	# 1

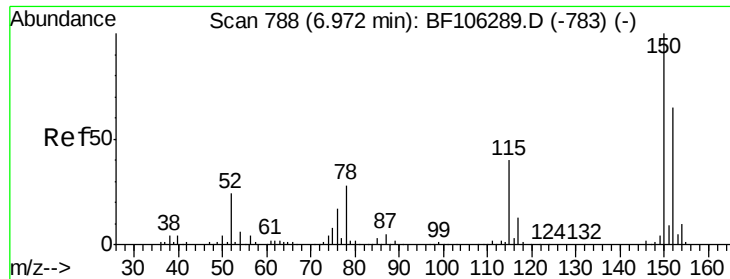
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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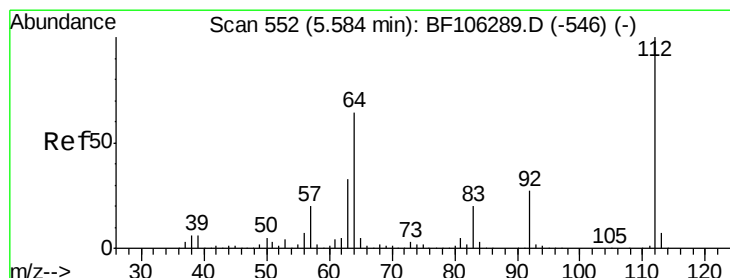
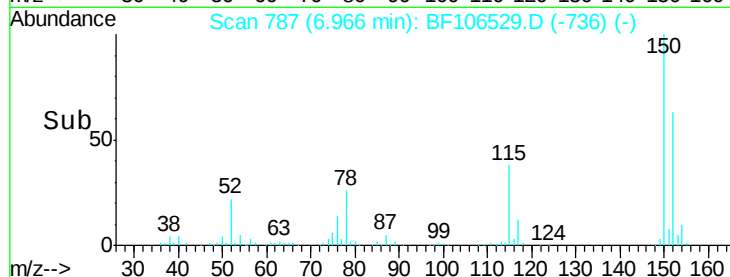
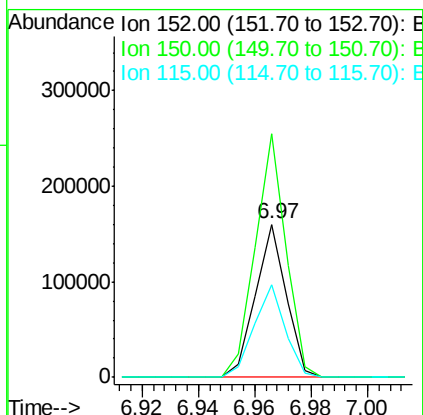
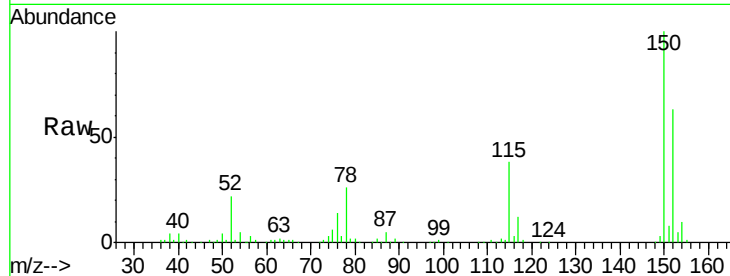




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106529.D
 Acq: 18 Jun 2018 11:02

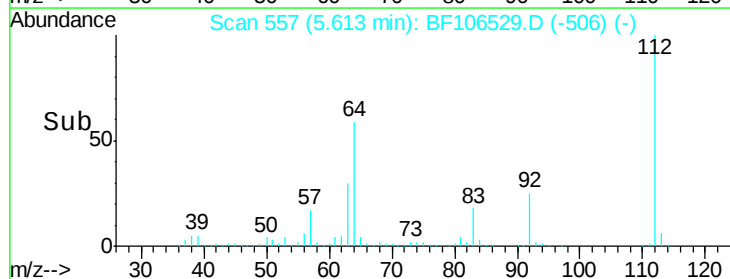
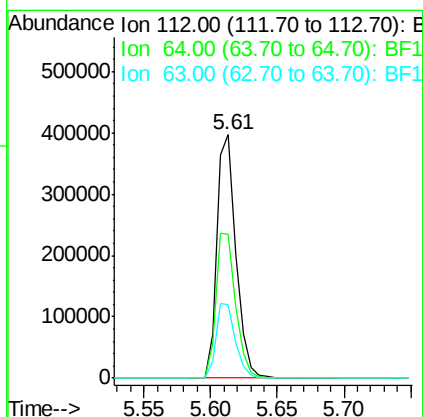
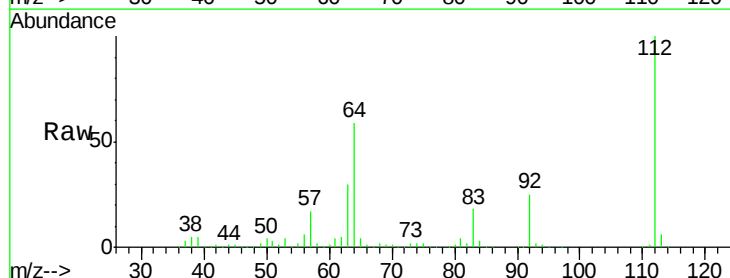
Instrument :
 BNA_F
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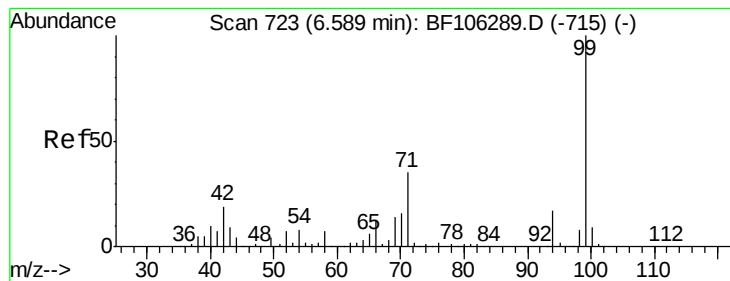
Tgt Ion:152 Resp: 121441
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 60.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 55.985 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF106529.D
 Acq: 18 Jun 2018 11:02

Tgt Ion:112 Resp: 401705
 Ion Ratio Lower Upper
 112 100
 64 59.0 47.9 71.9
 63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 34.122 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106529.D

Acq: 18 Jun 2018 11:02

Instrument :

BNA_F

ClientSampleId :

DUP-061318

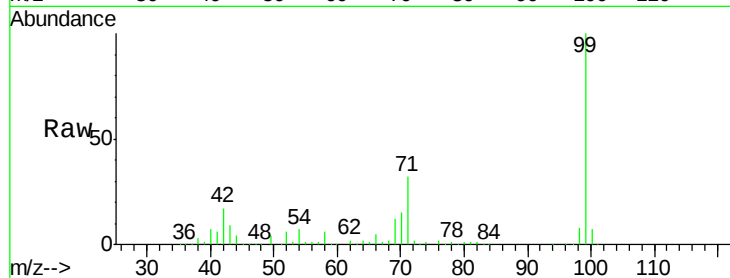
Tgt Ion: 99 Resp: 309323

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

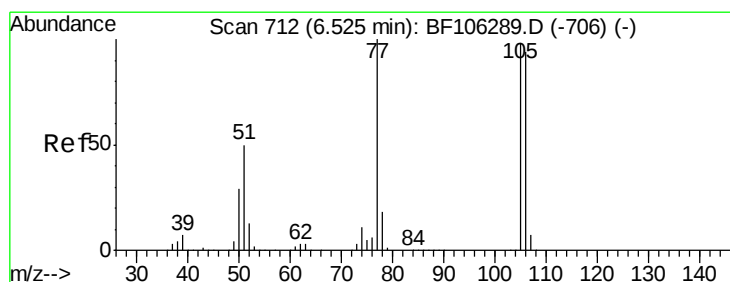
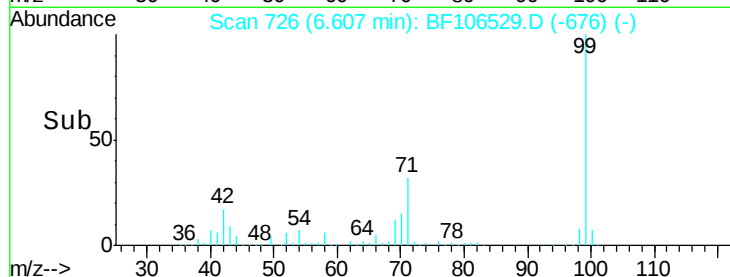
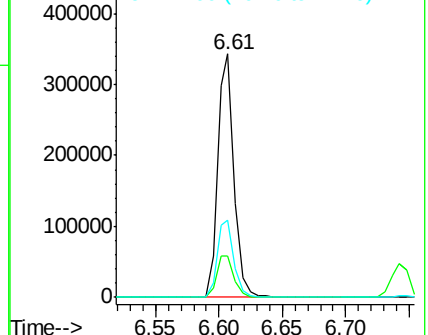
71 31.9 25.4 38.0



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: 2.391 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106529.D

Acq: 18 Jun 2018 11:02

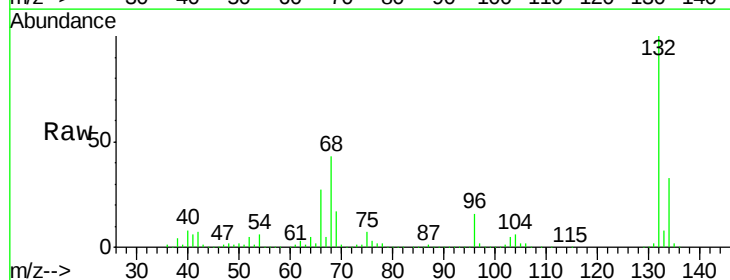
Tgt Ion: 77 Resp: 16442

Ion Ratio Lower Upper

77 100

105 78.6 81.1 121.1#

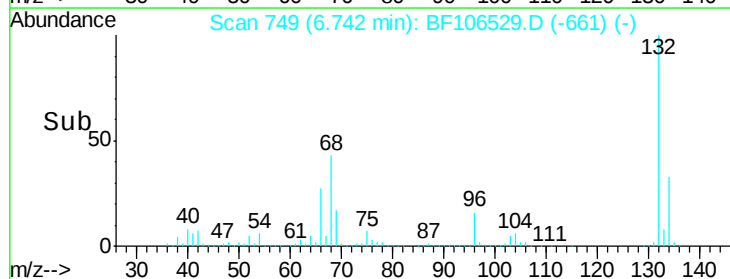
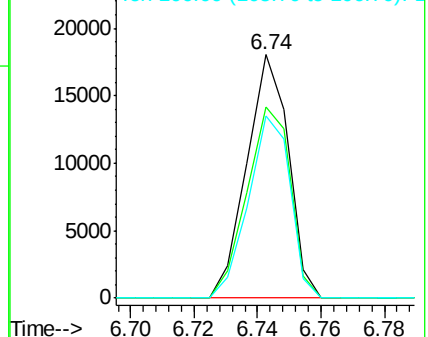
106 74.9 74.5 114.5

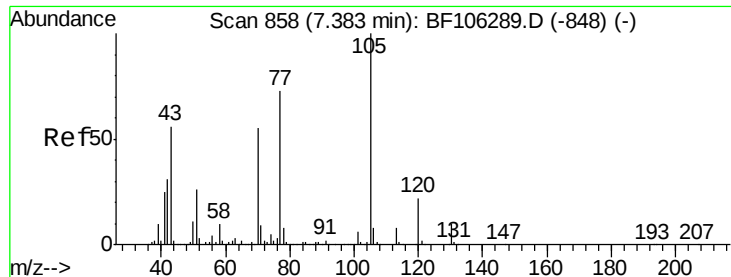


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

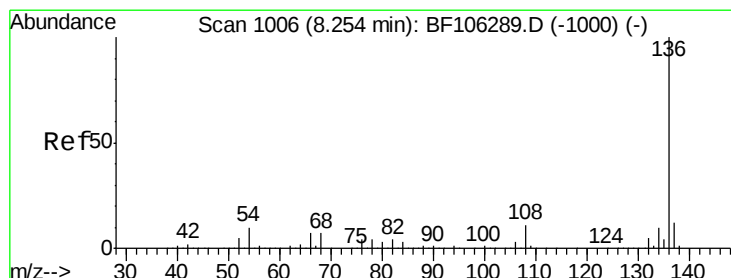
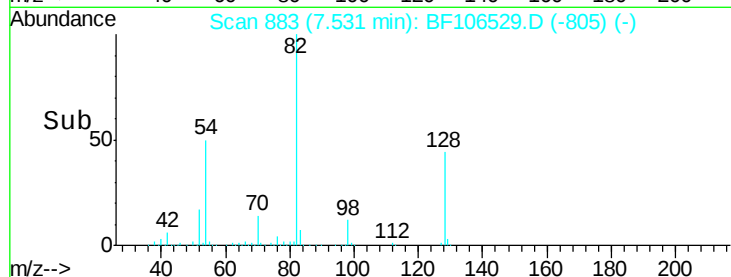
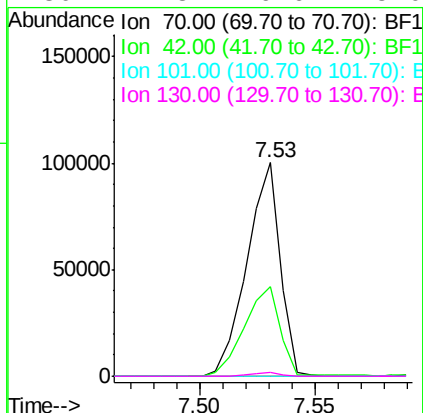
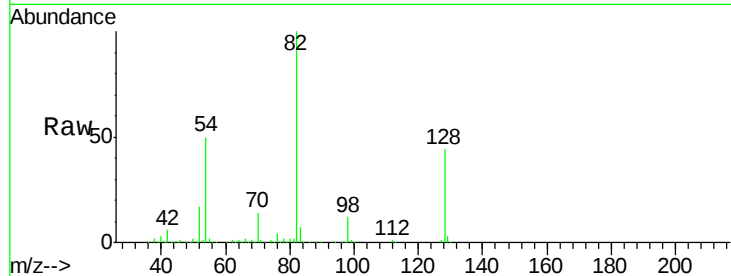




#19
n-Nitroso-di-n-propylamine
Concen: 14.802 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106529.D
Acq: 18 Jun 2018 11:02

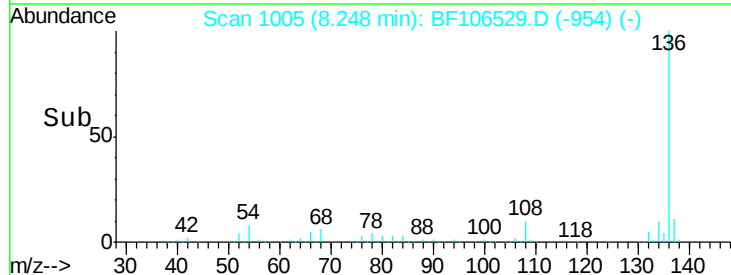
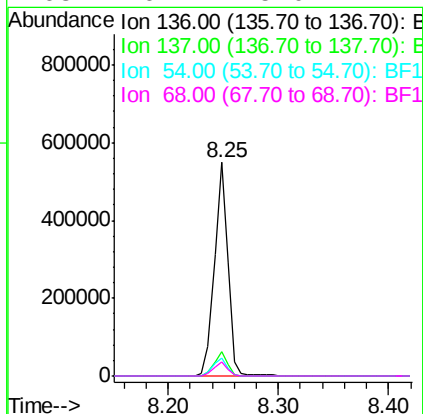
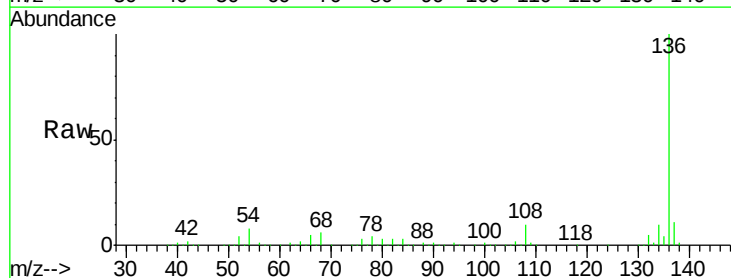
Instrument :
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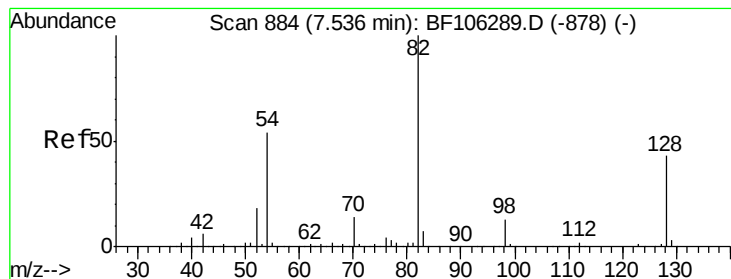
Tgt Ion: 70 Resp: 100667
Ion Ratio Lower Upper
70 100
42 41.9 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106529.D
Acq: 18 Jun 2018 11:02

Tgt Ion: 136 Resp: 458531
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.3 6.6 9.8
68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 95.321 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106529.D

Acq: 18 Jun 2018 11:02

Instrument :

BNA_F

ClientSampleId :

DUP-061318

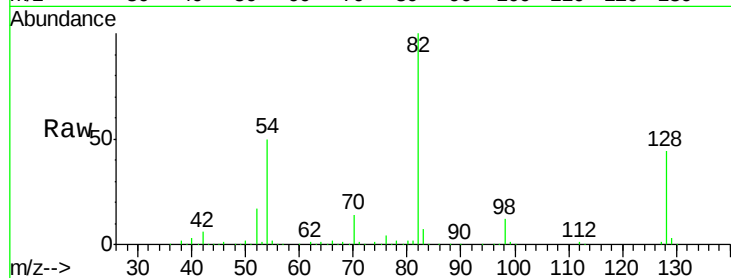
Tgt Ion: 82 Resp: 742965

Ion Ratio Lower Upper

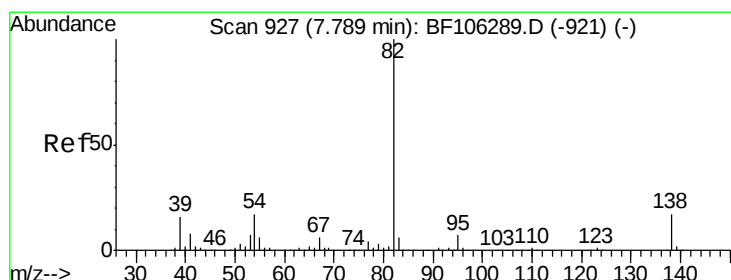
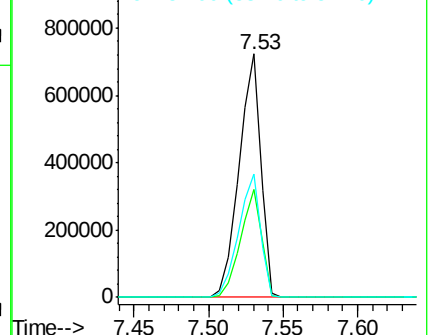
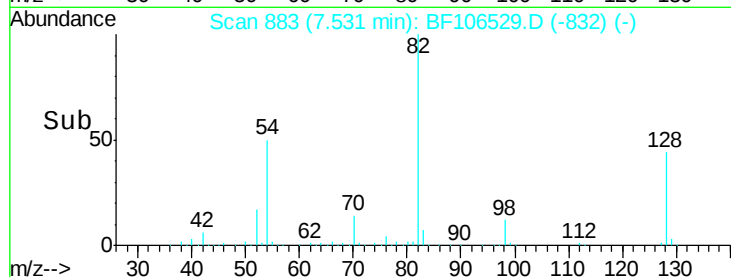
82 100

128 44.1 36.1 54.1

54 50.4 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: 48.801 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106529.D

Acq: 18 Jun 2018 11:02

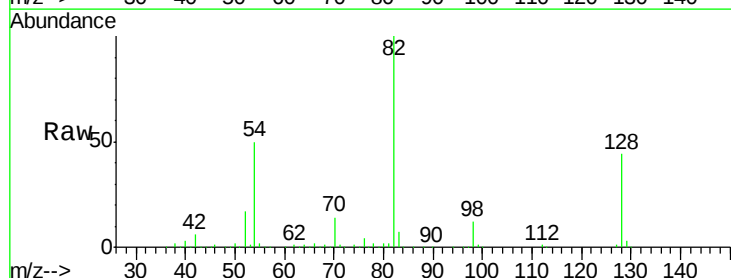
Tgt Ion: 82 Resp: 742957

Ion Ratio Lower Upper

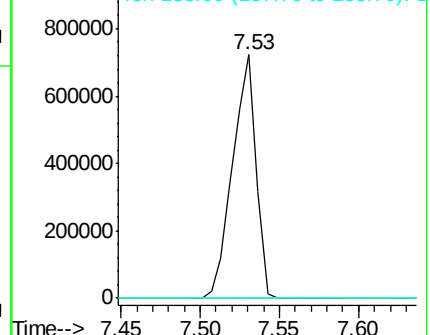
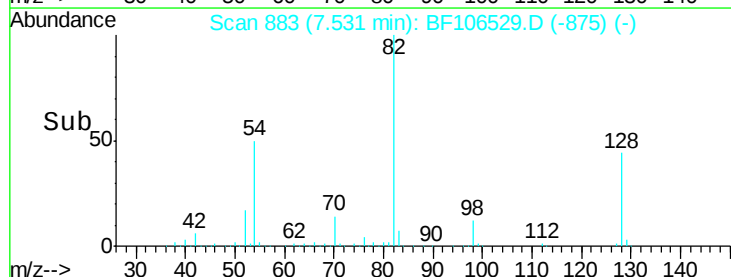
82 100

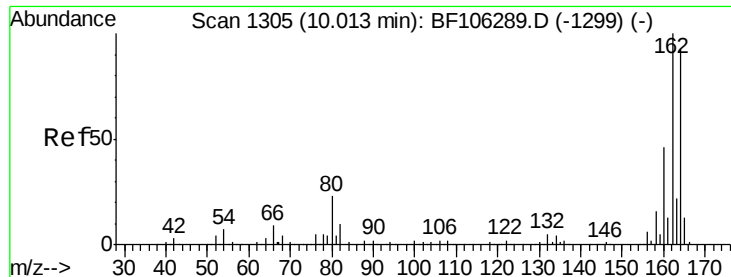
95 0.0 5.2 7.8#

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: BF106529.D

Acq: 18 Jun 2018 11:02

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ClientSampleId :

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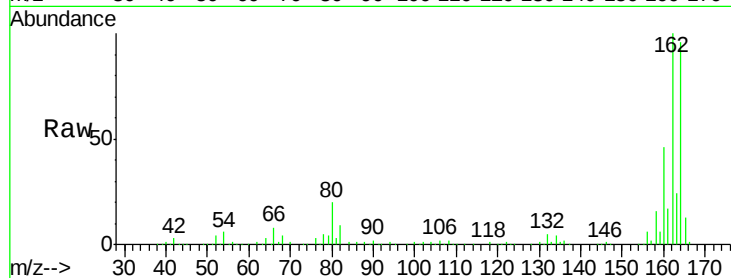
Tgt Ion:164 Resp: 222701

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

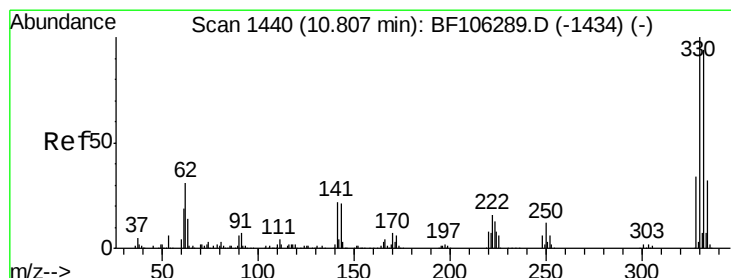
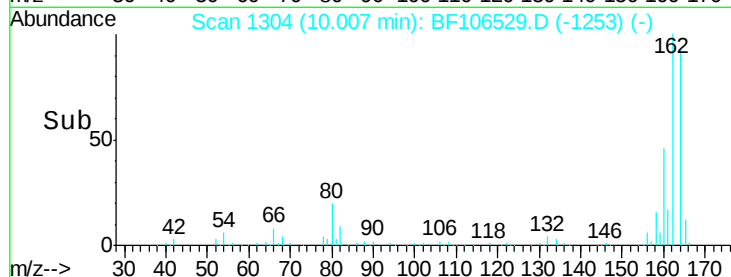
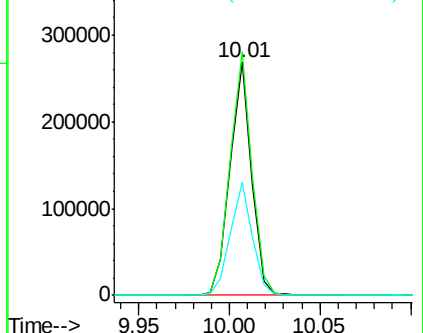
160 48.4 38.3 57.5



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: 154.617 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106529.D

Acq: 18 Jun 2018 11:02

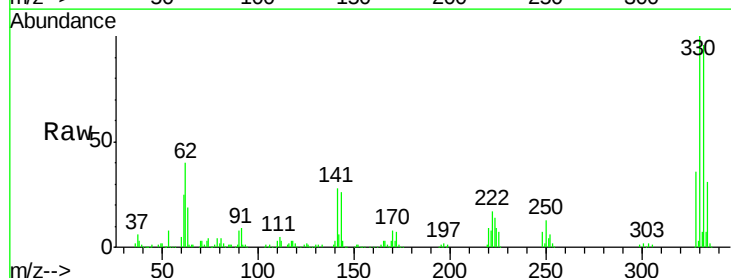
Tgt Ion:330 Resp: 331309

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

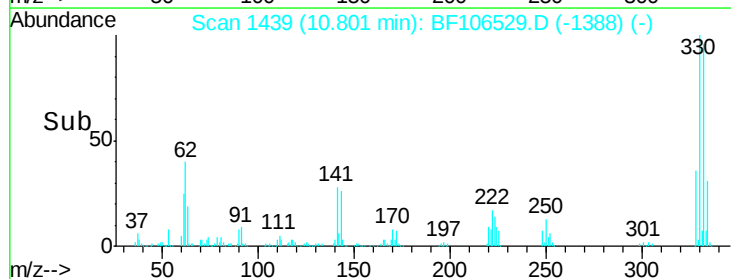
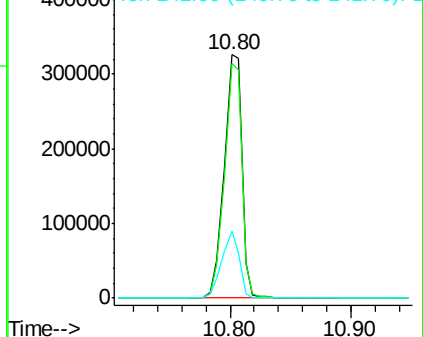
141 27.3 29.9 44.9#

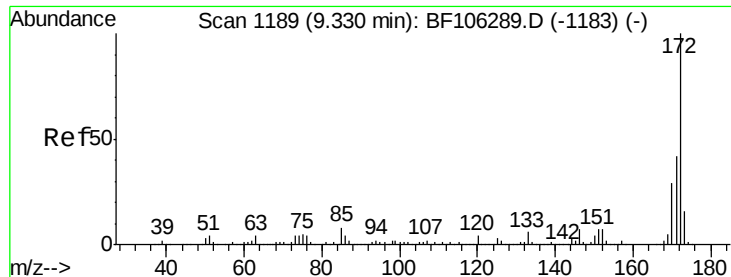


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

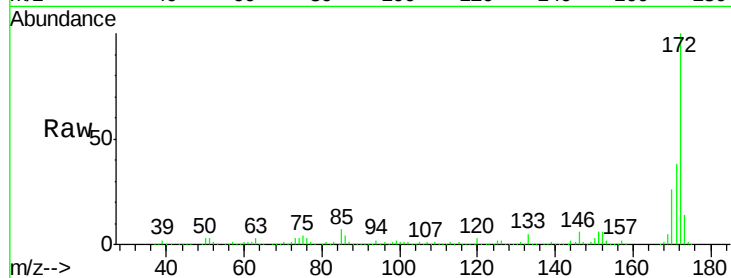




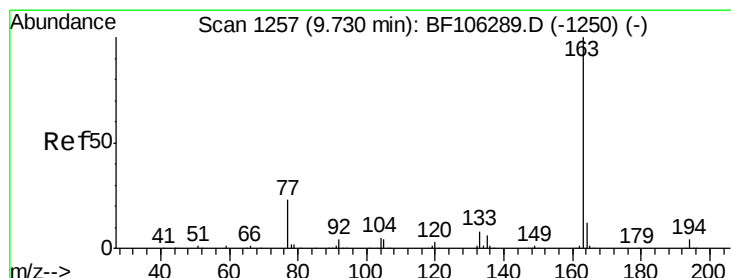
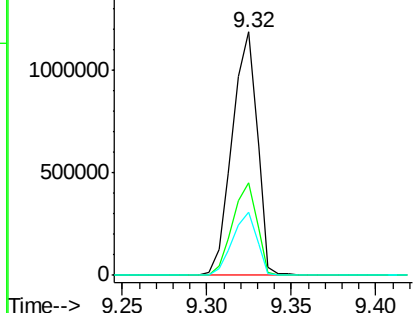
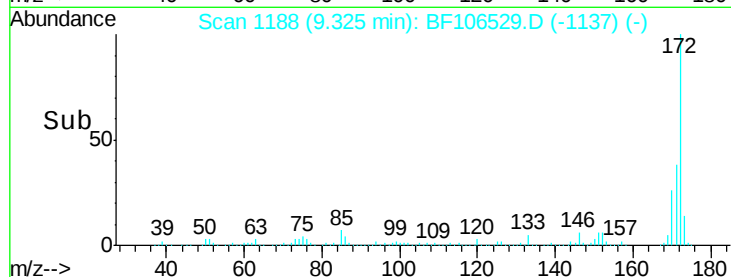
#44
 2-Fluorobiphenyl
 Concen: 105.503 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106529.D
 Acq: 18 Jun 2018 11:02

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Tgt Ion:172 Resp: 1228687
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.7 44.5
 170 25.9 19.6 29.4

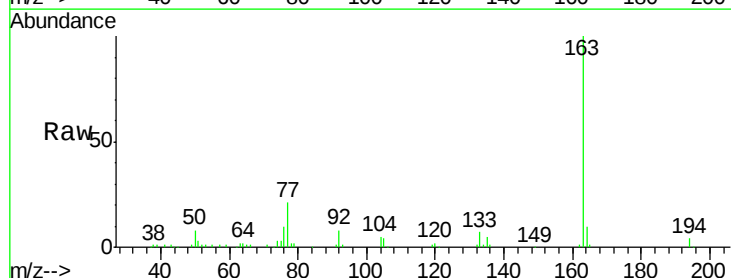


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

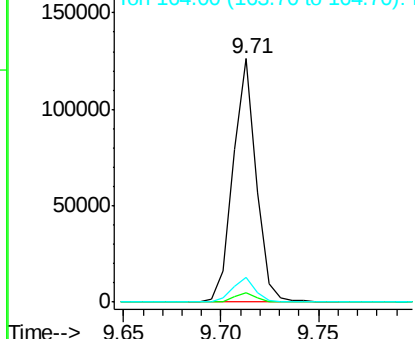
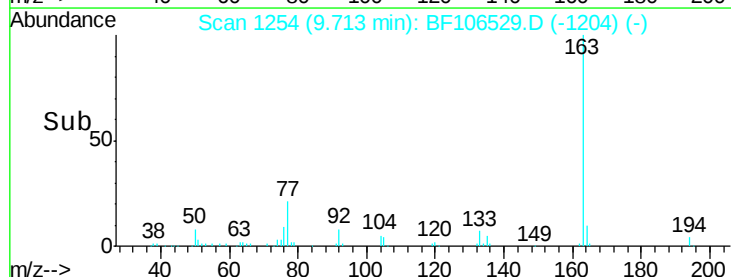


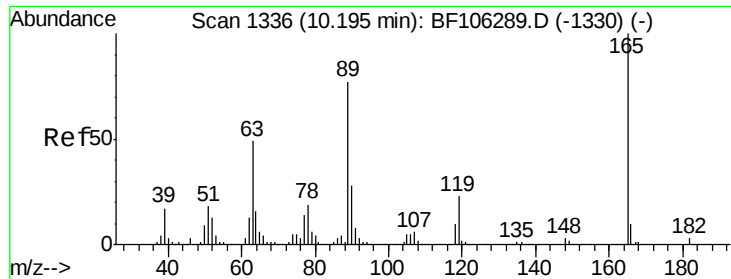
#49
 Dimethylphthalate
 Concen: 6.507 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106529.D
 Acq: 18 Jun 2018 11:02

Tgt Ion:163 Resp: 103539
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.2 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

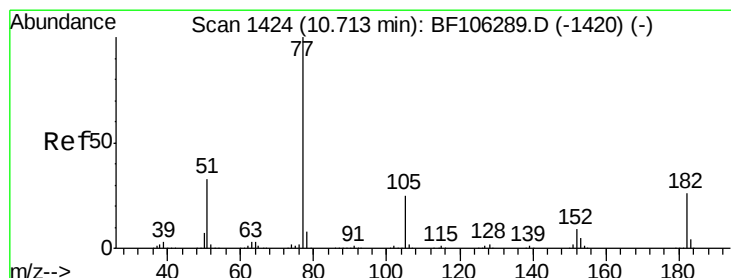
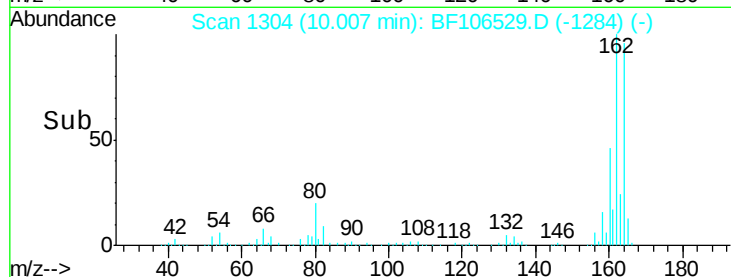
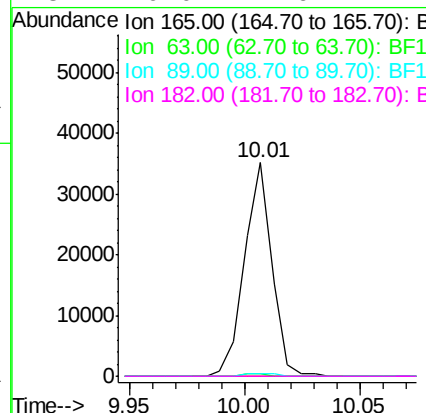
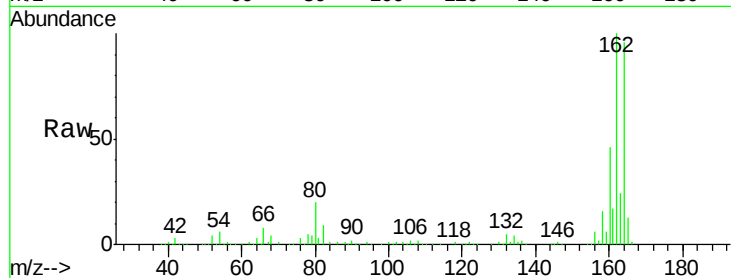




#56
 2,4-Dinitrotoluene
 Concen: 7.164 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.18 min
 Lab File: BF106529.D
 Acq: 18 Jun 2018 11:02

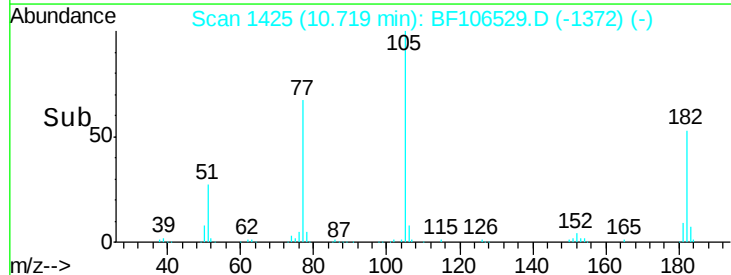
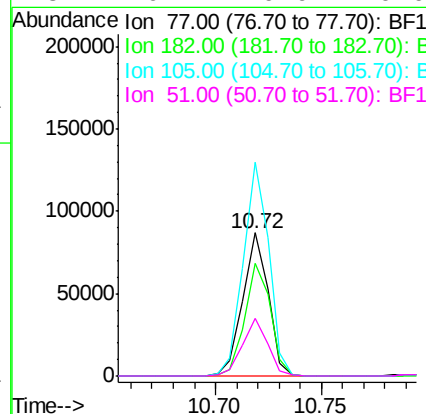
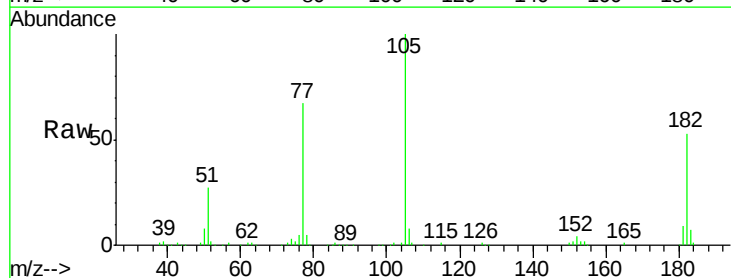
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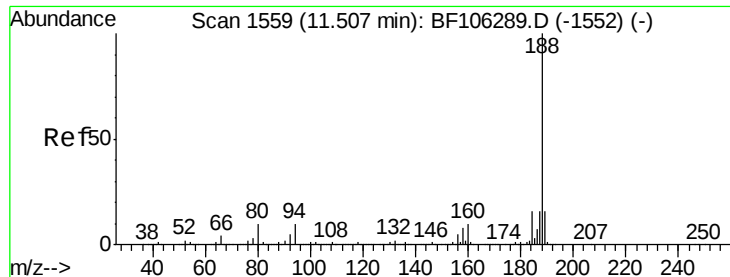
Tgt Ion:	165	Resp:	29240
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 4.383 ng
 RT: 10.72 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF106529.D
 Acq: 18 Jun 2018 11:02

Tgt Ion:	77	Resp:	72169
Ion	Ratio	Lower	Upper
77	100		
182	78.5	1.7	41.7#
105	149.3	3.0	43.0#
51	40.4	9.9	49.9

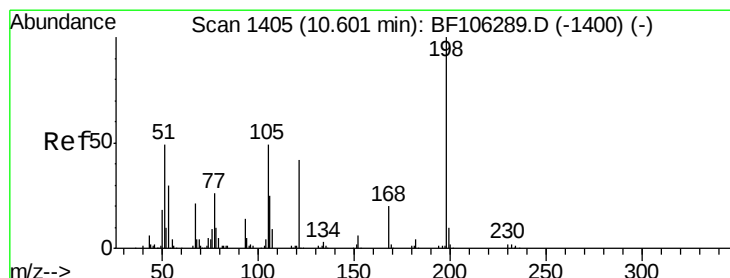
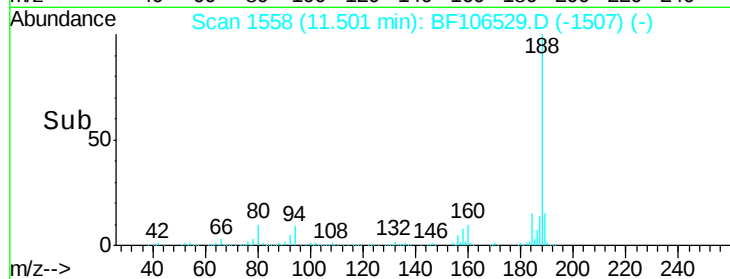
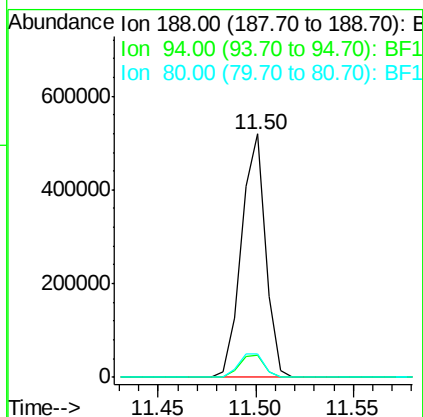
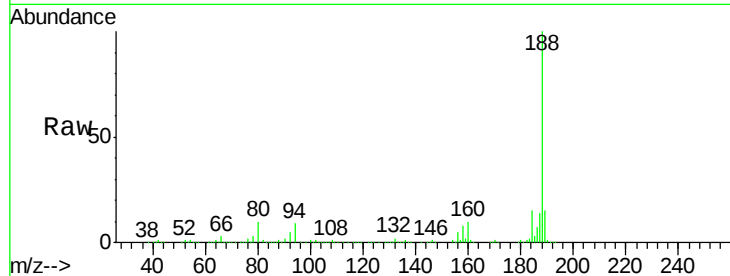




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106529.D
Acq: 18 Jun 2018 11:02

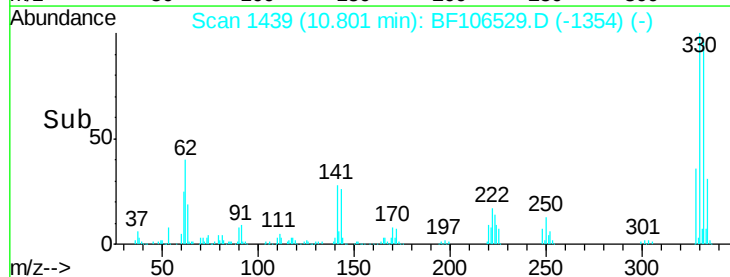
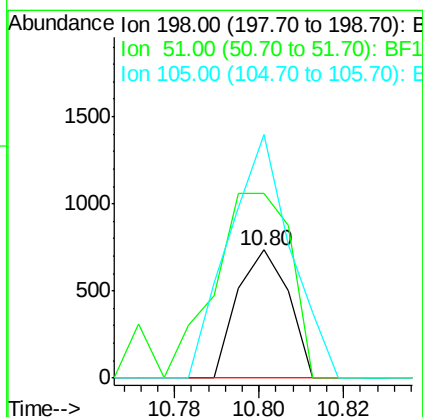
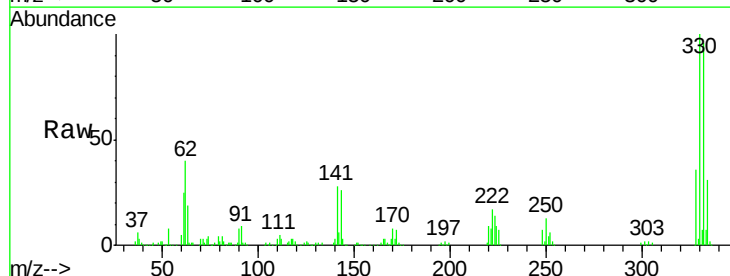
Instrument :
BNA_F
ClientSampleId :
DUP-061318

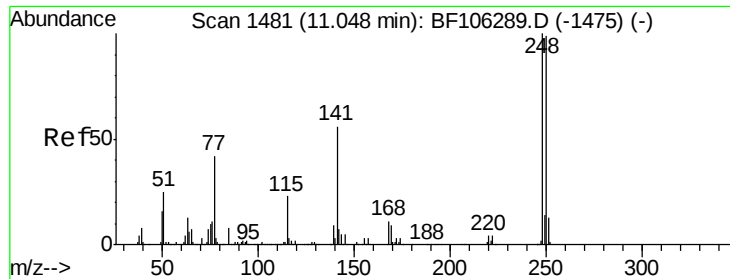
Tgt Ion:188 Resp: 444239
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.519 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106529.D
Acq: 18 Jun 2018 11:02

Tgt Ion:198 Resp: 617
Ion Ratio Lower Upper
198 100
51 144.3 37.7 77.7#
105 190.3 36.3 76.3#

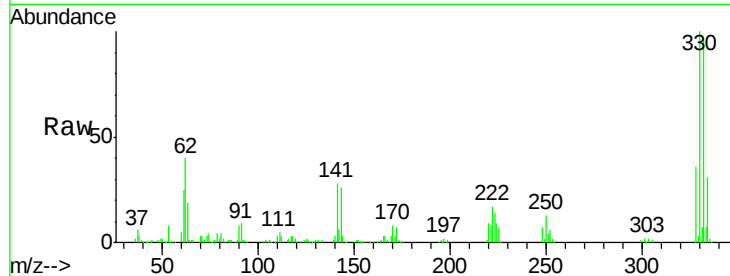




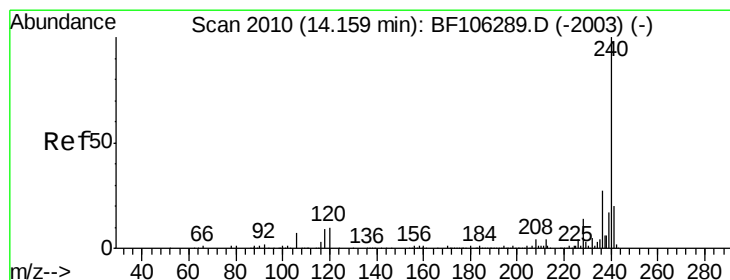
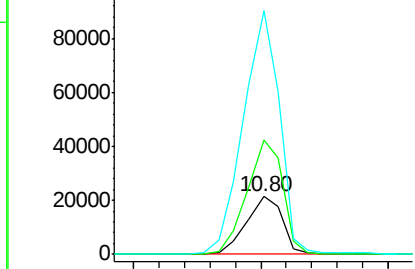
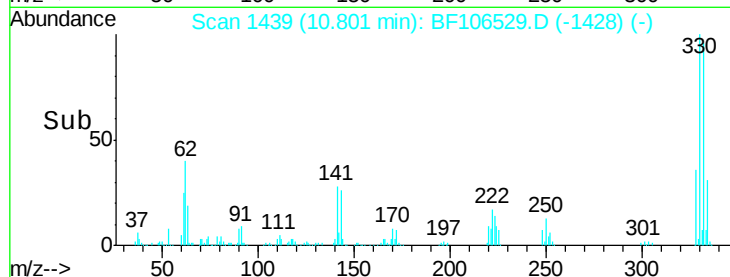
#66
 4-Bromophenyl-phenylether
 Concen: 4.189 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106529.D
 Acq: 18 Jun 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :
 DUP-061318

Tgt Ion:248 Resp: 21167
 Ion Ratio Lower Upper
 248 100
 250 197.3 76.9 115.3#
 141 422.5 74.4 111.6#

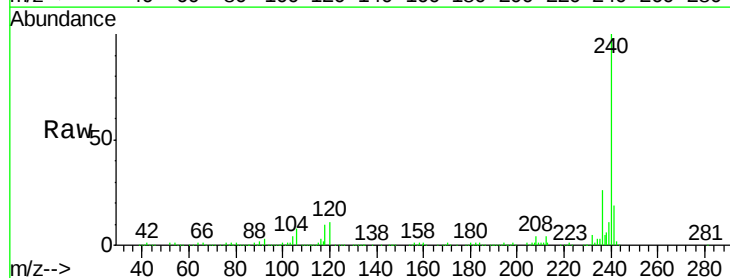


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

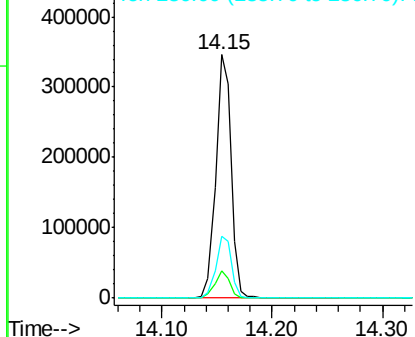
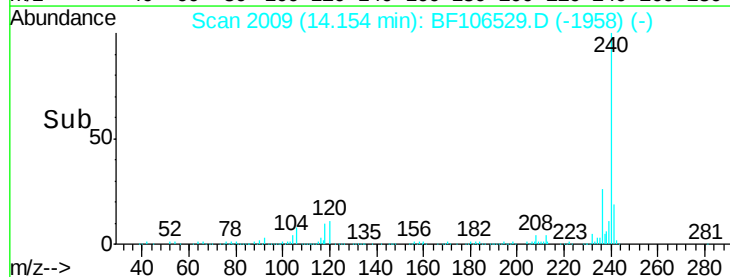


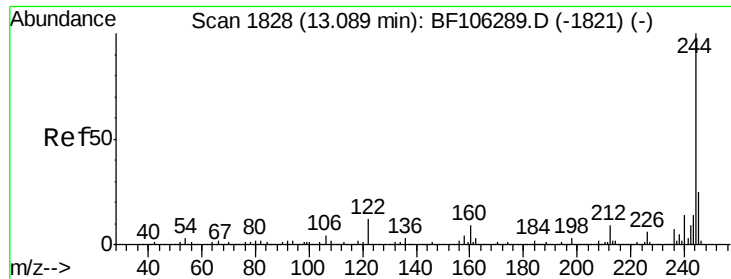
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF106529.D
 Acq: 18 Jun 2018 11:02

Tgt Ion:240 Resp: 331930
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.5 14.3
 236 25.6 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

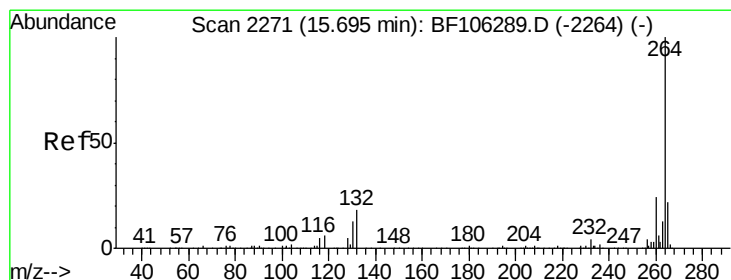
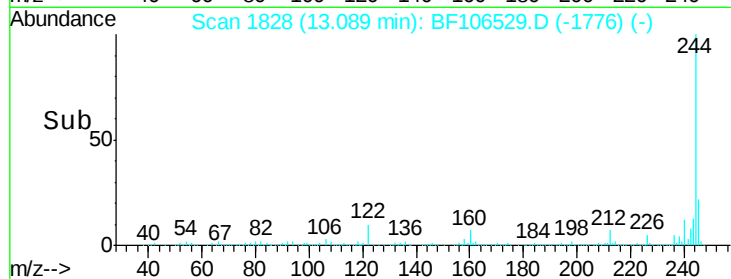
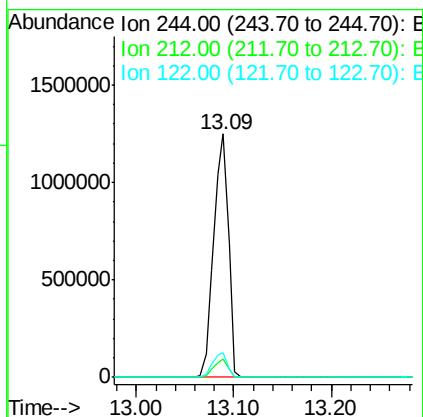
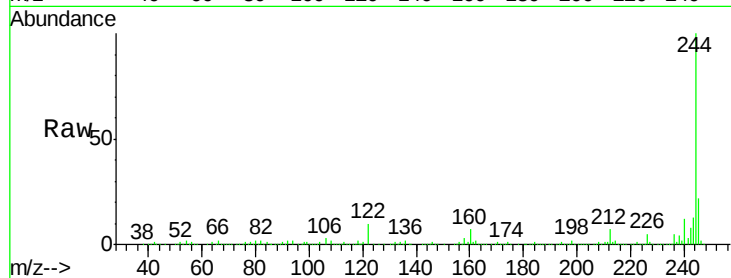




#78
 Terphenyl-d14
 Concen: 97.789 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF106529.D
 Acq: 18 Jun 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :
 DUP-061318

Tgt Ion:244 Resp: 1306842
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.0
 122 10.1 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: BF106529.D
 Acq: 18 Jun 2018 11:02

Tgt Ion:264 Resp: 255221
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.3 17.5 26.3

