

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106304.D
 Acq On : 11 Jun 2018 19:35
 Operator : JU/SJ
 Sample : J3377-08 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C-DB

Quant Time: Jun 12 01:44:19 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

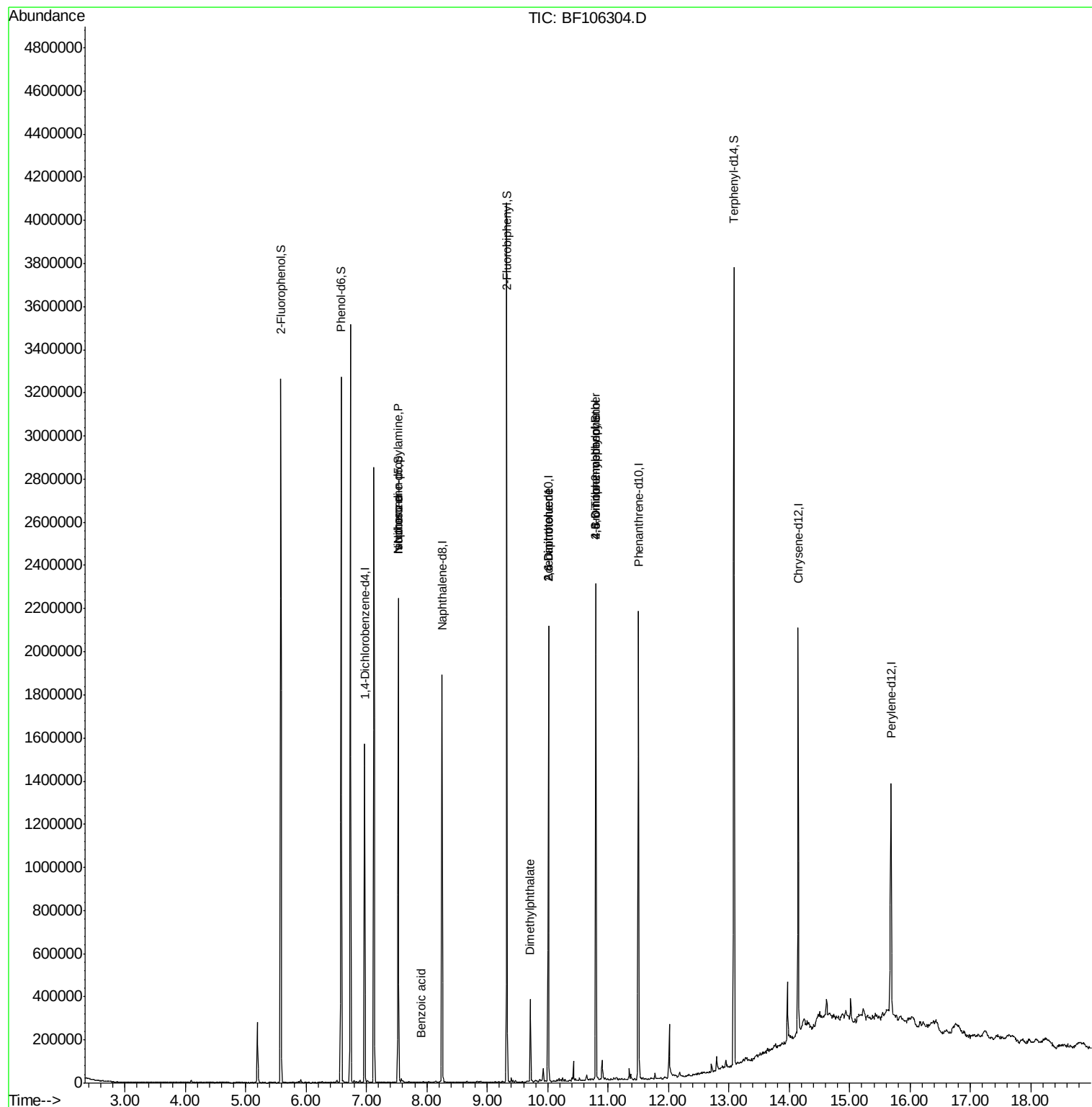
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	222003	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	831642	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	393519	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	713643	20.00	ng	0.00
75) Chrysene-d12	14.15	240	623006	20.00	ng	-0.01
86) Perylene-d12	15.68	264	522143	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	854223	65.12	ng	0.00
7) Phenol-d6	6.58	99	1065184	64.28	ng	0.00
23) Nitrobenzene-d5	7.53	82	687689	48.65	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	278590	73.58	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1137116	42.34	ng	0.00
78) Terphenyl-d14	13.08	244	1194363	47.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	94731	7.619	ng	# 75
25) Isophorone	7.53	82	687676	24.905	ng	# 64
32) Benzoic acid	7.91	122	262	7.315	ng	90
49) Dimethylphthalate	9.71	163	127989	4.552	ng	100
50) 2,6-Dinitrotoluene	10.01	165	49962	8.700	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	49962	6.928	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	628	6.437	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	18554	2.286	ng	# 1

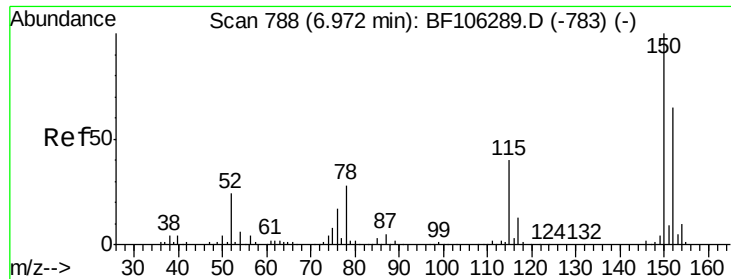
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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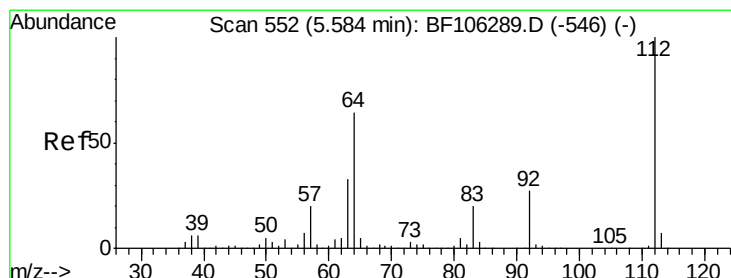
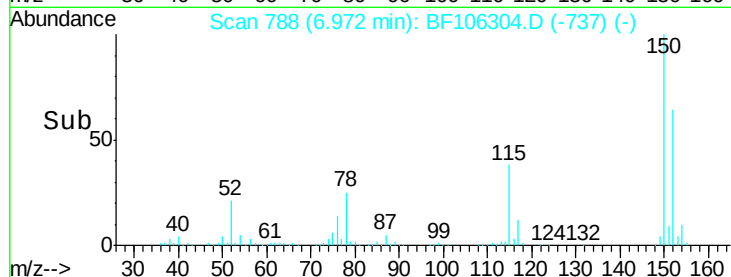
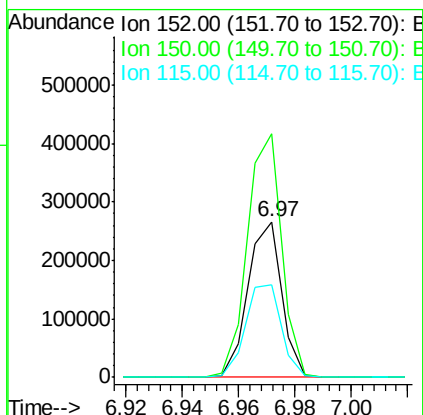
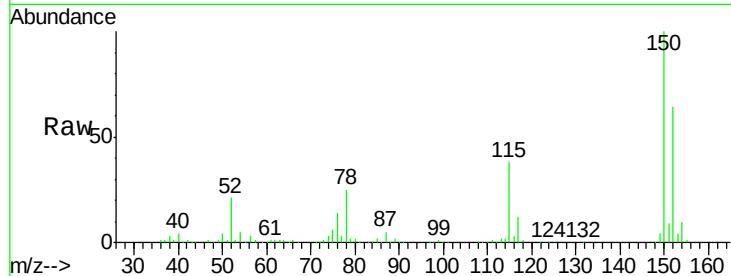


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106304.D
Acq: 11 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
TP-C-DB

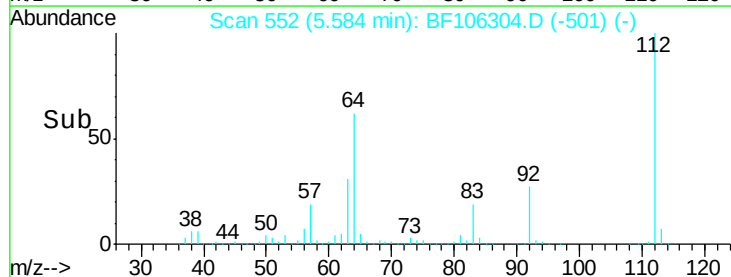
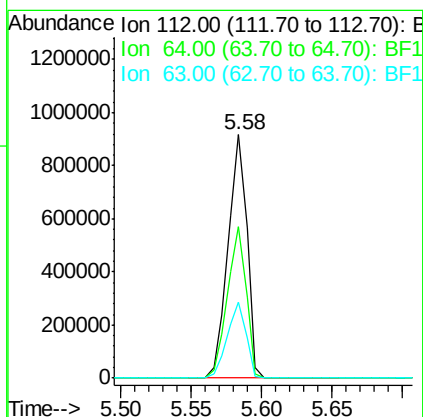
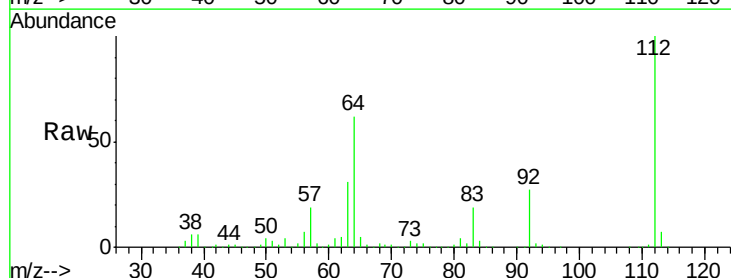
Tgt Ion:152 Resp: 222003
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 59.4 50.1 75.1

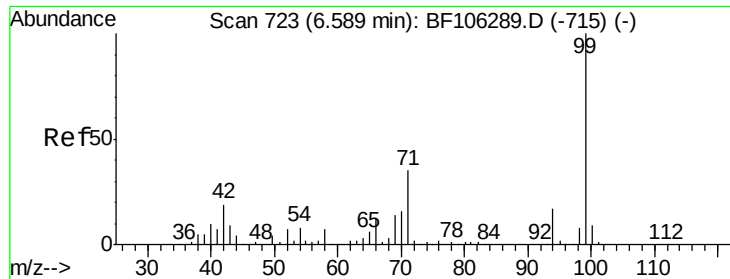


#5

2-Fluorophenol
Concen: 65.124 ng
RT: 5.58 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF106304.D
Acq: 11 Jun 2018 19:35

Tgt Ion:112 Resp: 854223
Ion Ratio Lower Upper
112 100
64 62.4 47.9 71.9
63 31.3 23.7 35.5





#7

Phenol-d6

Concen: 64.276 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106304.D

Acq: 11 Jun 2018 19:35

Instrument :

BNA_F

ClientSampleId :

TP-C-DB

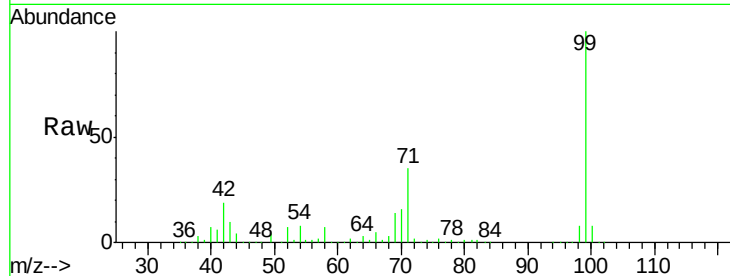
Tgt Ion: 99 Resp: 1065184

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

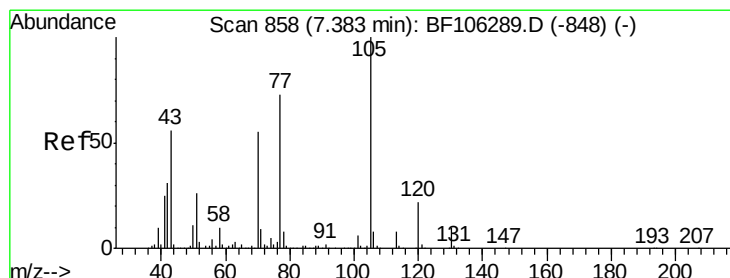
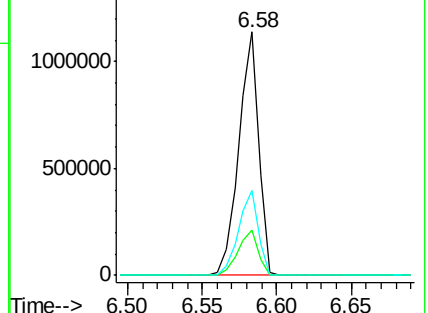
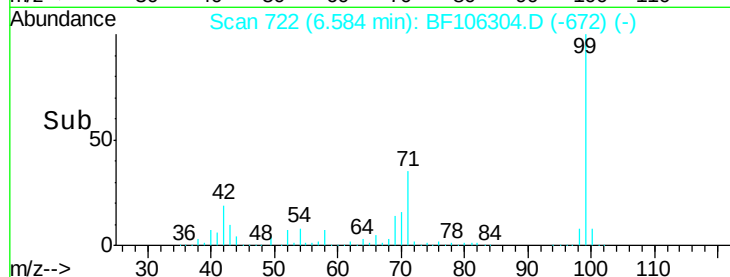
71 34.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.619 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106304.D

Acq: 11 Jun 2018 19:35

Tgt Ion: 70 Resp: 94731

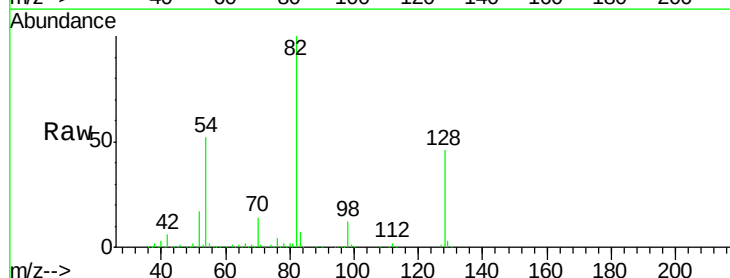
Ion Ratio Lower Upper

70 100

42 45.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

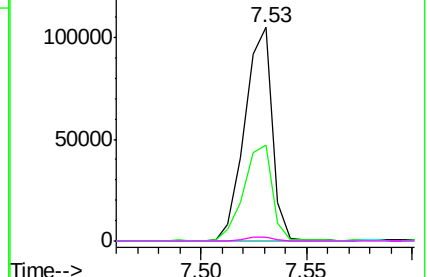
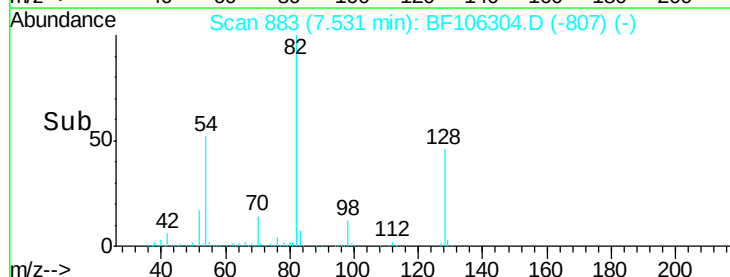


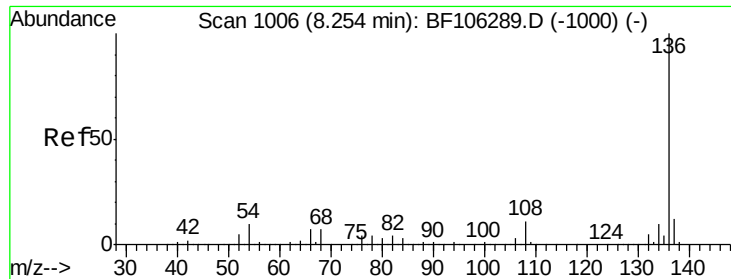
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

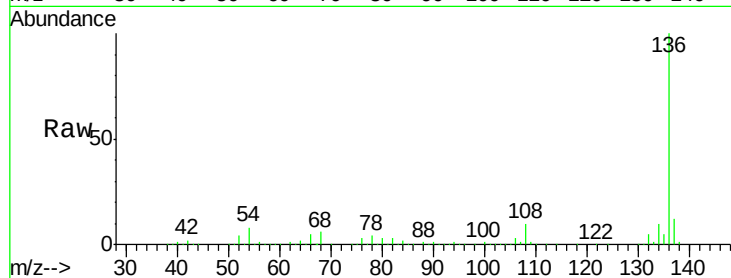




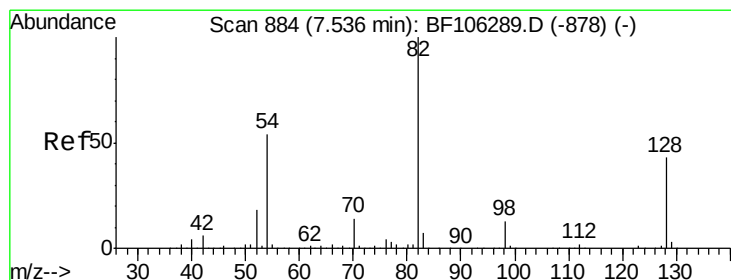
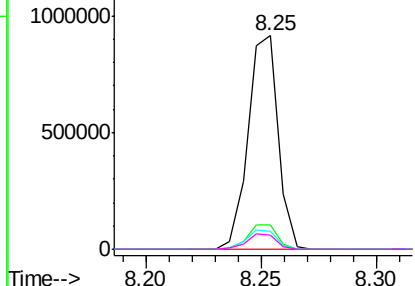
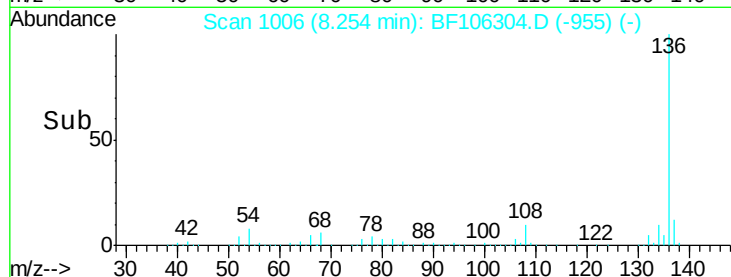
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106304.D
Acq: 11 Jun 2018 19:35

Instrument :
BNA_F
ClientSampleId :
TP-C-DB

Tgt Ion:	136	Resp:	831642
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.5	6.6	9.8
68	6.5	5.0	7.4

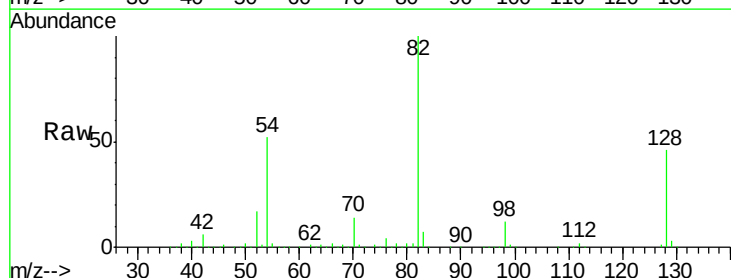


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

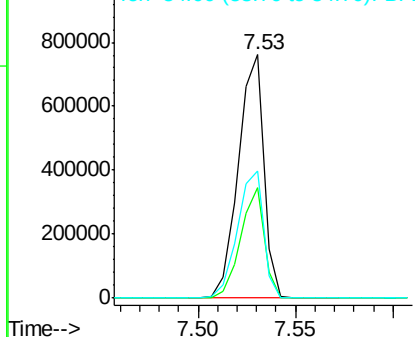
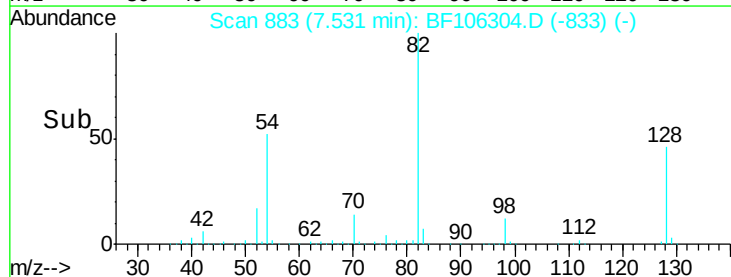


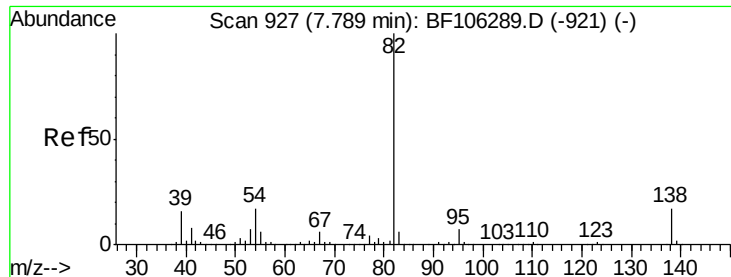
#23
Nitrobenzene-d5
Concen: 48.646 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106304.D
Acq: 11 Jun 2018 19:35

Tgt Ion:	82	Resp:	687689
Ion	Ratio	Lower	Upper
82	100		
128	45.6	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: 24.905 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106304.D

Acq: 11 Jun 2018 19:35

Instrument :

BNA_F

ClientSampleId :

TP-C-DB

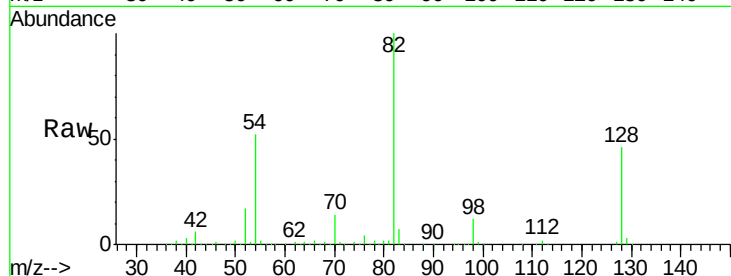
Tgt Ion: 82 Resp: 687676

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

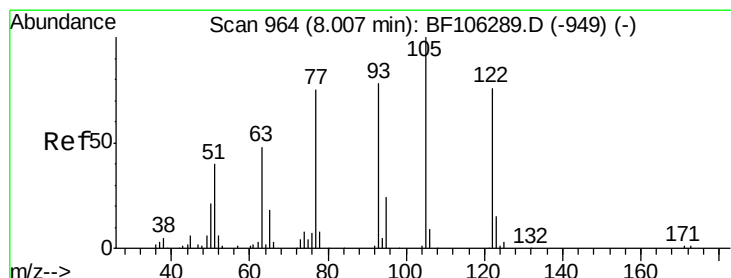
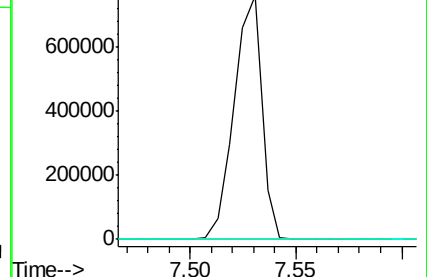
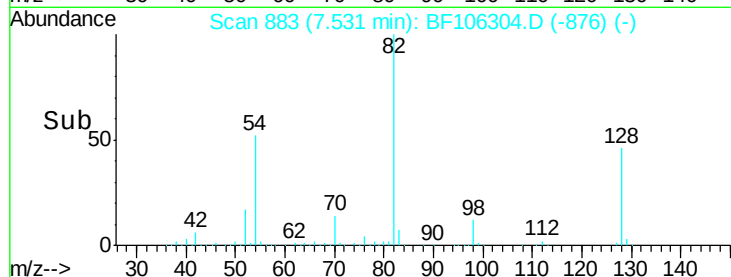
138 0.0 14.9 22.3#



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: 7.315 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.10 min

Lab File: BF106304.D

Acq: 11 Jun 2018 19:35

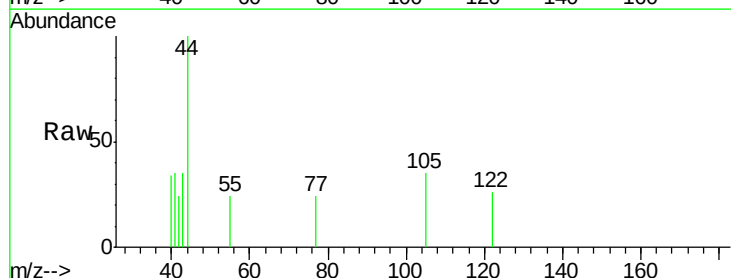
Tgt Ion: 122 Resp: 262

Ion Ratio Lower Upper

122 100

105 136.6 101.1 141.1

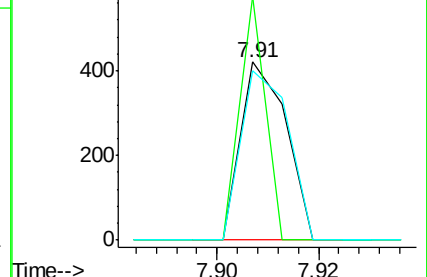
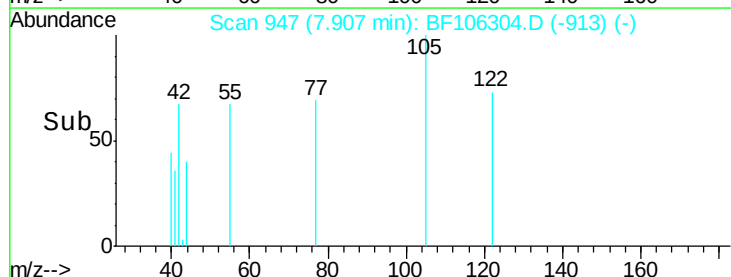
77 94.8 70.7 110.7

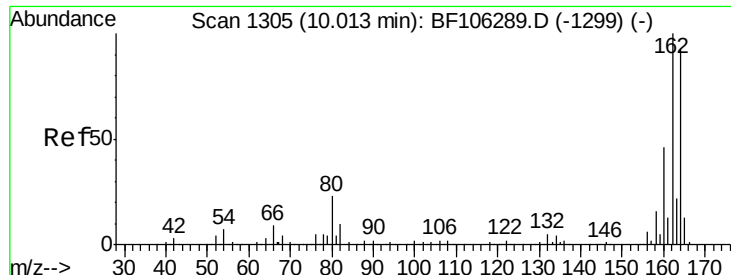


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

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: BF106304.D

Acq: 11 Jun 2018 19:35

Instrument :

BNA_F

ClientSampleId :

TP-C-DB

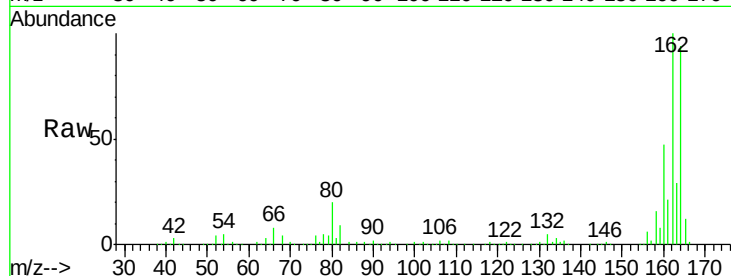
Tgt Ion:164 Resp: 393519

Ion Ratio Lower Upper

164 100

162 106.2 86.1 129.1

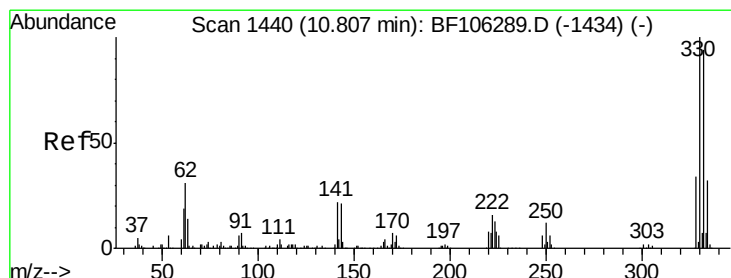
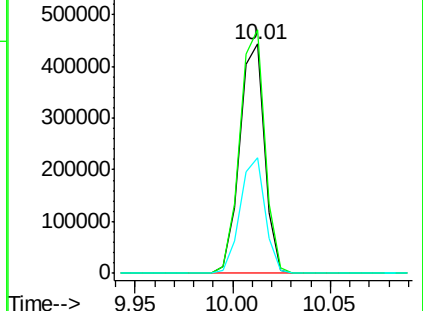
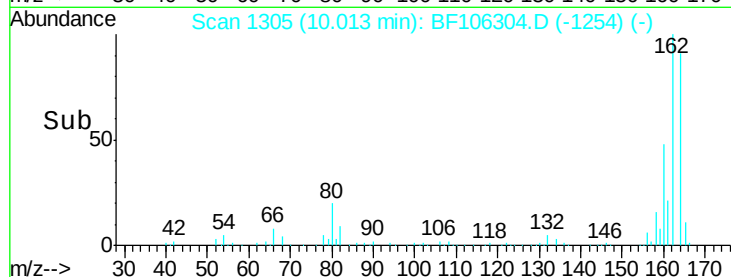
160 50.3 38.3 57.5



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: 73.578 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106304.D

Acq: 11 Jun 2018 19:35

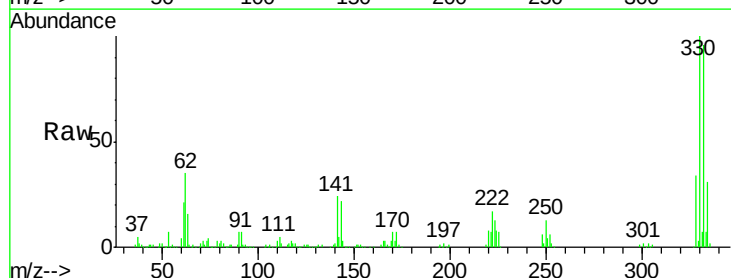
Tgt Ion:330 Resp: 278590

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

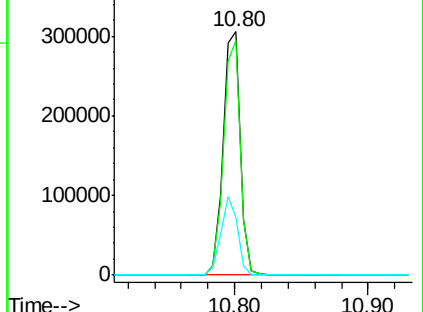
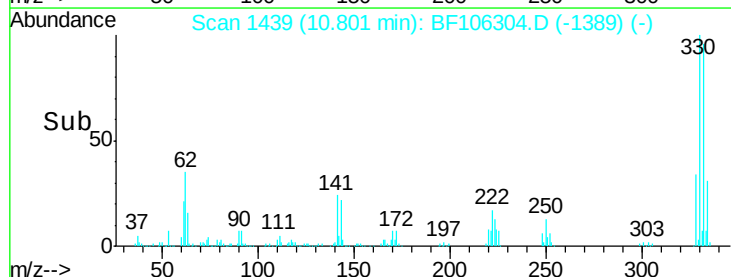
141 31.3 29.9 44.9

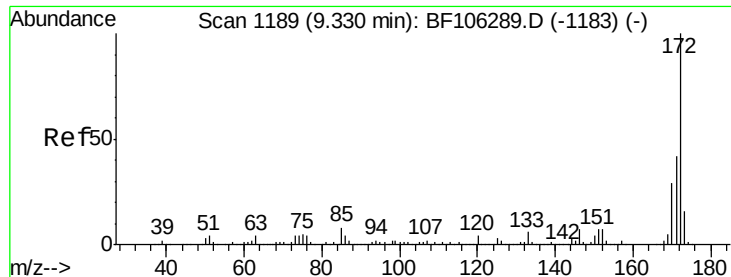


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

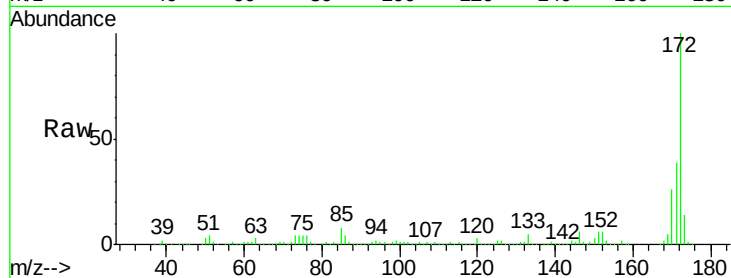




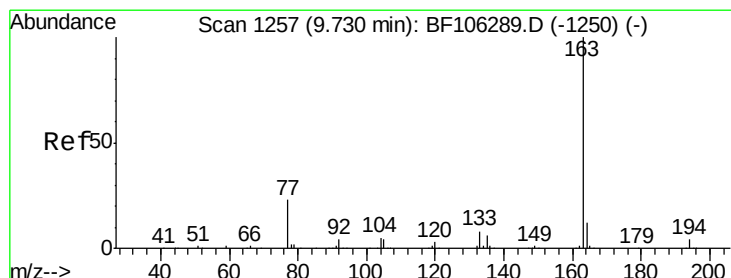
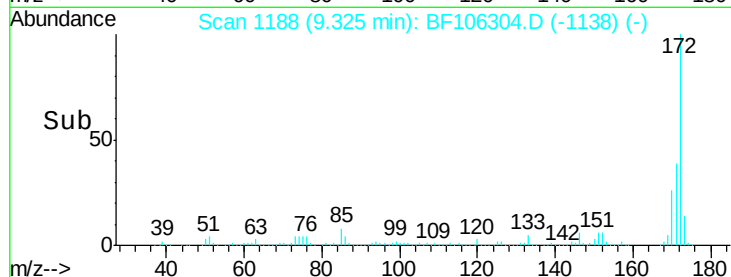
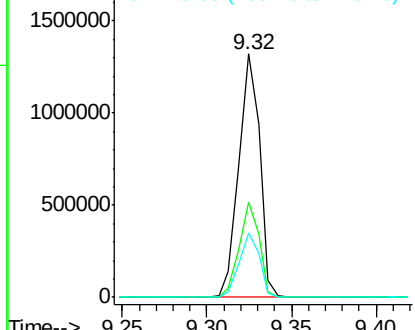
#44
2-Fluorobiphenyl
Concen: 42.342 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106304.D
Acq: 11 Jun 2018 19:35

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BNA_F
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Tgt Ion:172 Resp: 1137116
Ion Ratio Lower Upper
172 100
171 39.2 29.7 44.5
170 26.3 19.6 29.4

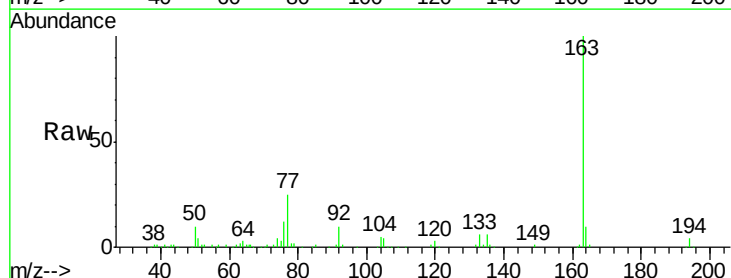


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

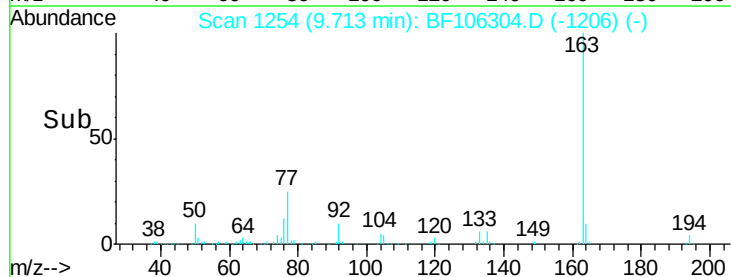
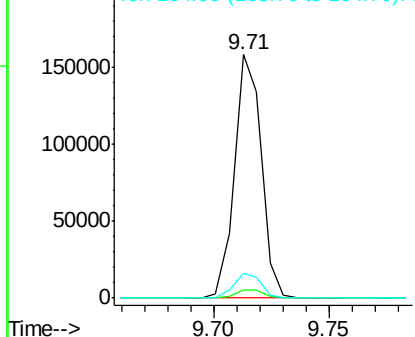


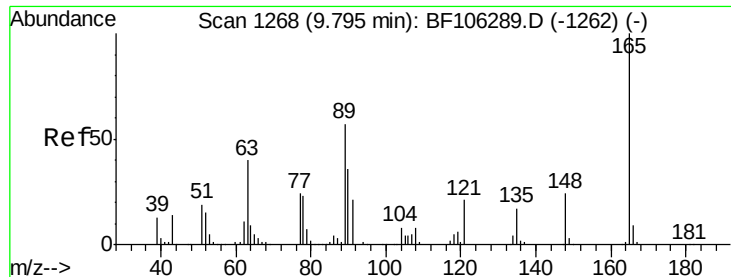
#49
Dimethylphthalate
Concen: 4.552 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106304.D
Acq: 11 Jun 2018 19:35

Tgt Ion:163 Resp: 127989
Ion Ratio Lower Upper
163 100
194 3.6 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

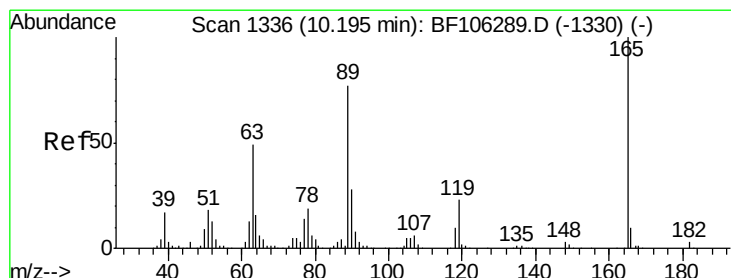
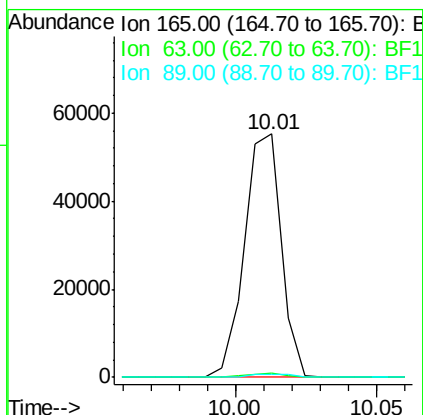
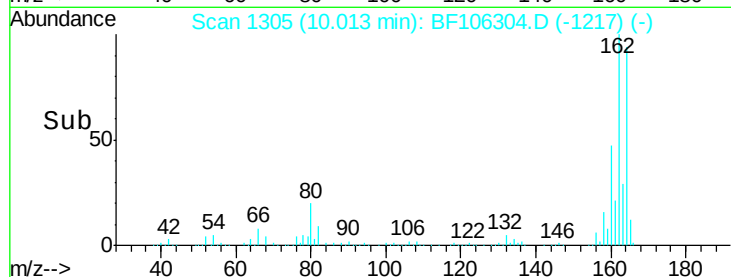
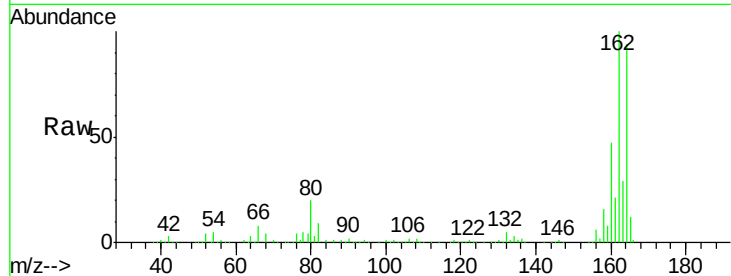




#50
 2,6-Dinitrotoluene
 Concen: 8.700 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.22 min
 Lab File: BF106304.D
 Acq: 11 Jun 2018 19:35

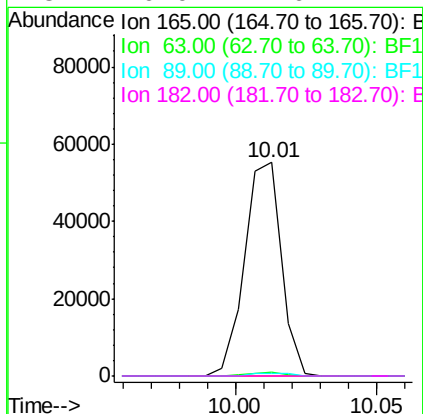
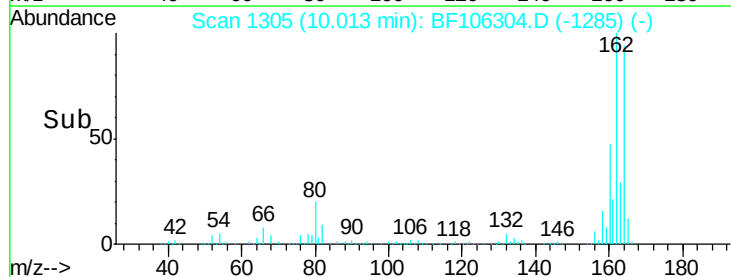
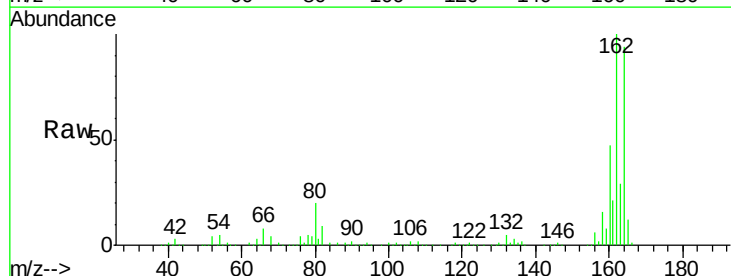
Instrument :
 BNA_F
 ClientSampleId :
 TP-C-DB

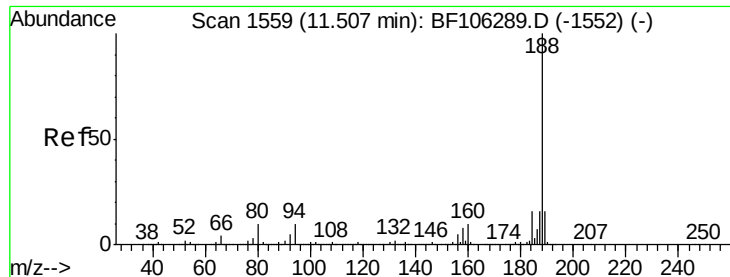
Tgt Ion:165 Resp: 49962
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.7 67.1#
 89 1.3 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.928 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.18 min
 Lab File: BF106304.D
 Acq: 11 Jun 2018 19:35

Tgt Ion:165 Resp: 49962
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 1.3 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: BF106304.D

Acq: 11 Jun 2018 19:35

Instrument :

BNA_F

ClientSampleId :

TP-C-DB

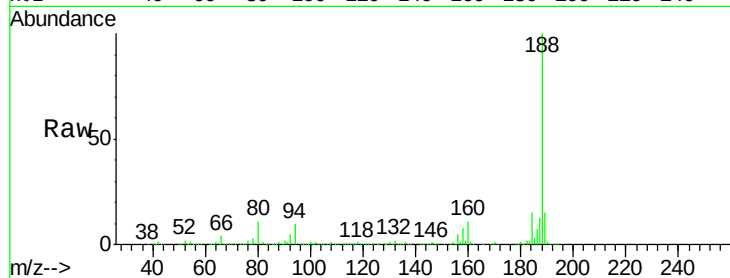
Tgt Ion:188 Resp: 713643

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

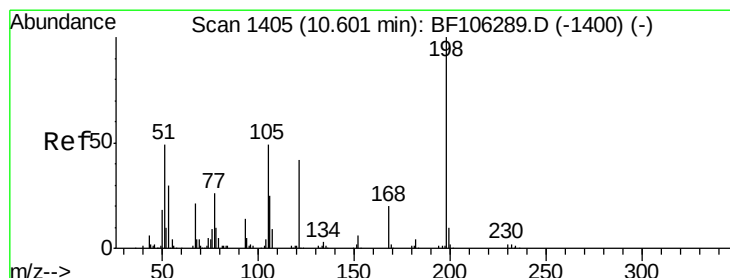
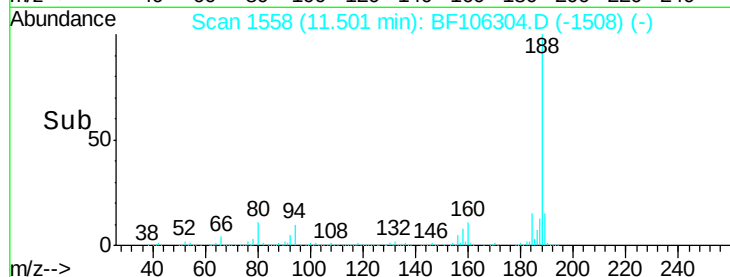
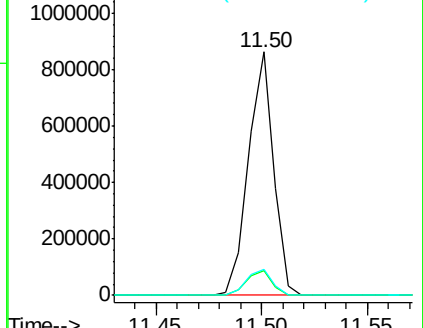
80 10.6 9.2 13.8



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: 6.437 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.20 min

Lab File: BF106304.D

Acq: 11 Jun 2018 19:35

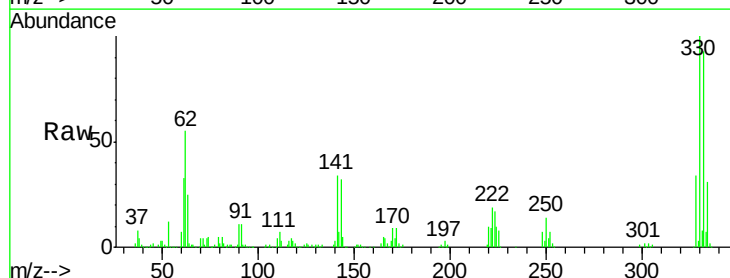
Tgt Ion:198 Resp: 628

Ion Ratio Lower Upper

198 100

51 188.6 37.7 77.7#

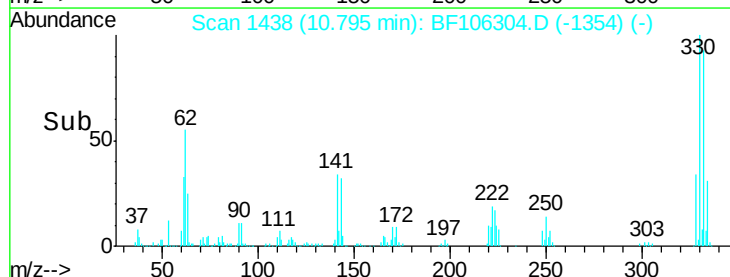
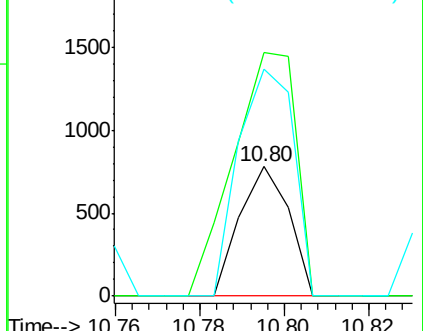
105 175.4 36.3 76.3#

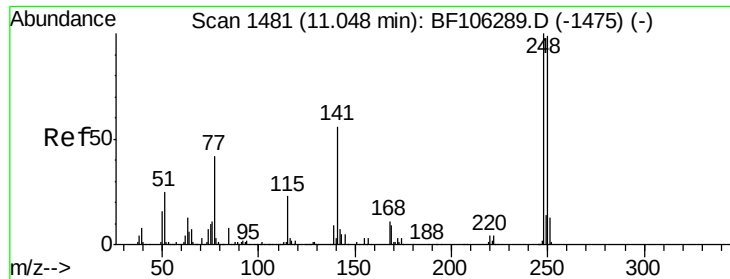


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

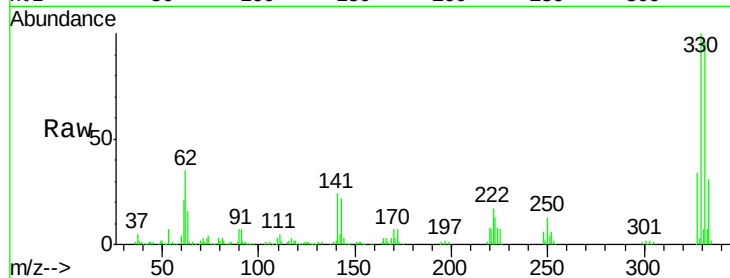




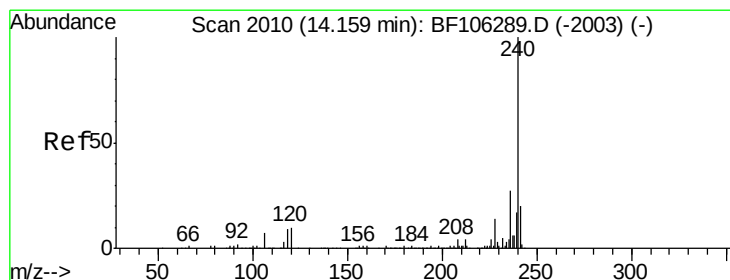
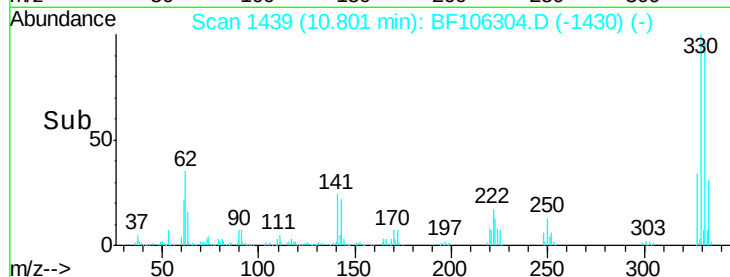
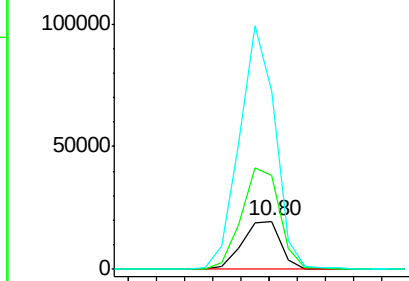
#66
4-Bromophenyl-phenylether
Concen: 2.286 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106304.D
Acq: 11 Jun 2018 19:35

Instrument :
BNA_F
ClientSampled :
TP-C-DB

Tgt Ion:248 Resp: 18554
Ion Ratio Lower Upper
248 100
250 195.7 76.9 115.3#
141 372.0 74.4 111.6#

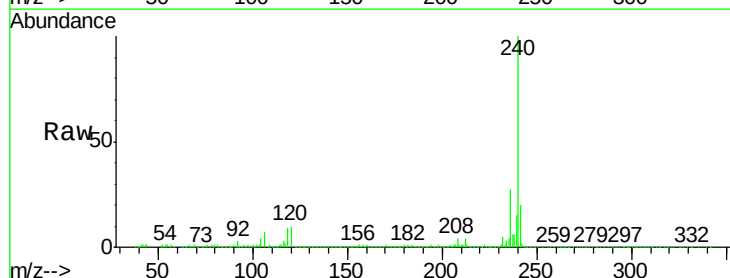


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

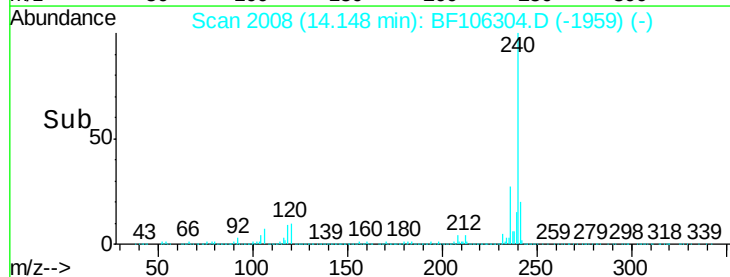
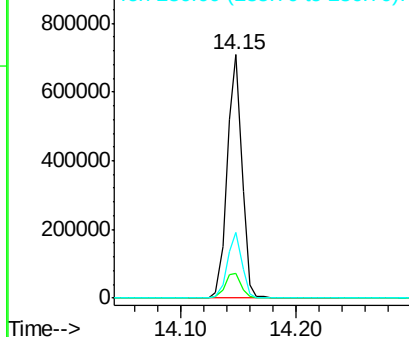


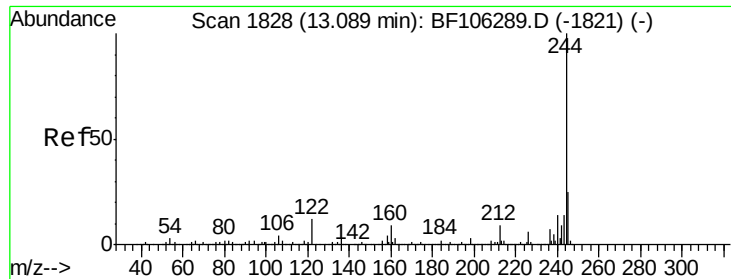
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106304.D
Acq: 11 Jun 2018 19:35

Tgt Ion:240 Resp: 623006
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 26.9 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: 47.617 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106304.D

Acq: 11 Jun 2018 19:35

Instrument :

BNA_F

ClientSampleId :

TP-C-DB

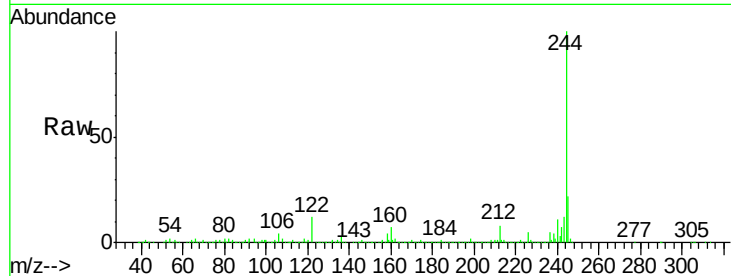
Tgt Ion:244 Resp: 1194363

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

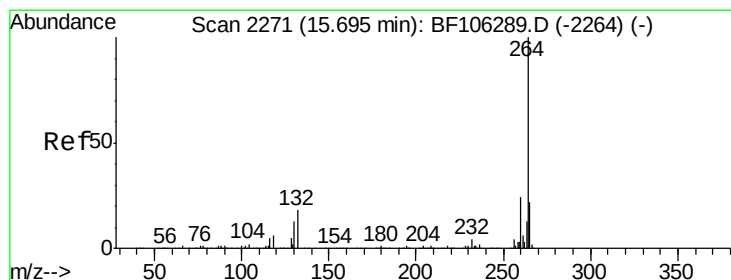
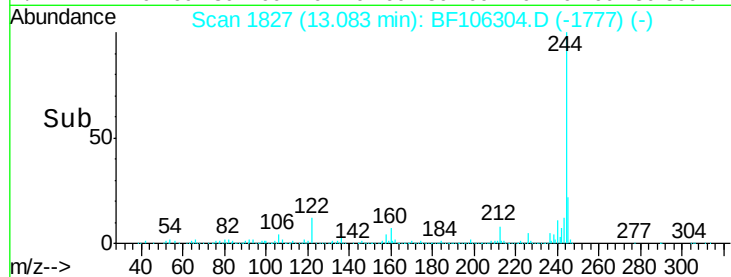
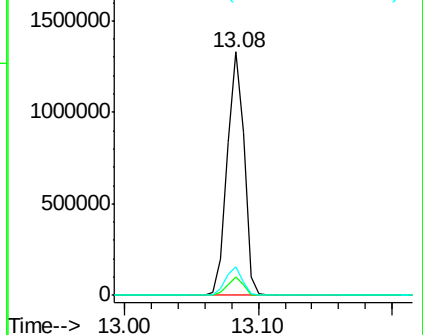
122 11.5 11.0 16.4



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. -0.01 min

Lab File: BF106304.D

Acq: 11 Jun 2018 19:35

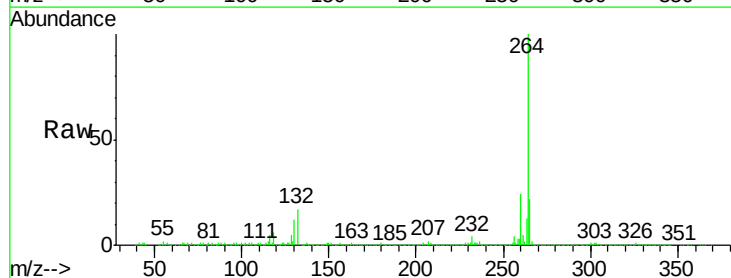
Tgt Ion:264 Resp: 522143

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.4 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

