

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106546.D
 Acq On : 18 Jun 2018 18:42
 Operator : JU/SJ
 Sample : J3566-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Jun 19 01:08:30 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

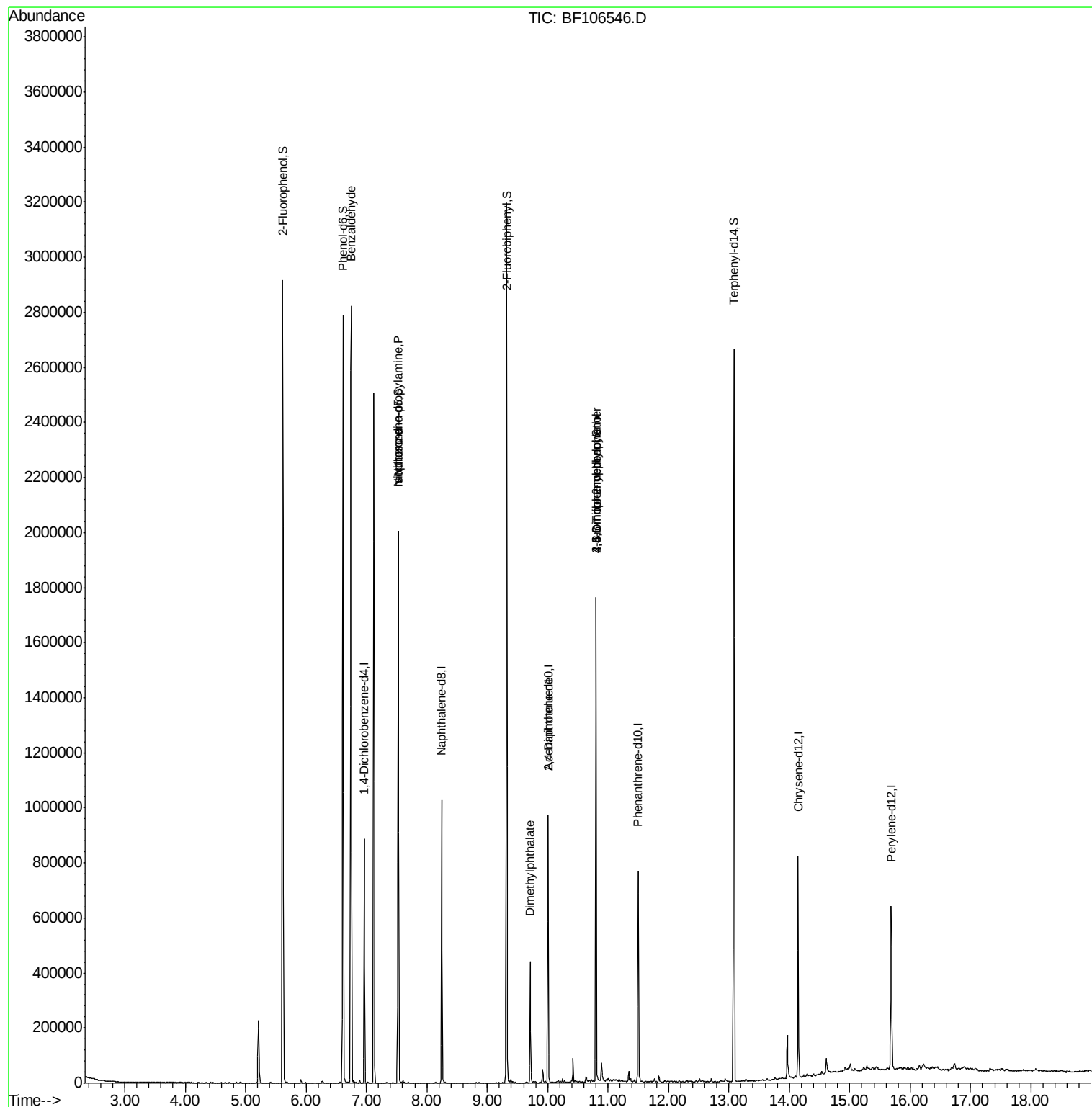
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113476	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	413729	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	175517	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	279205	20.00	ng	0.00
75) Chrysene-d12	14.15	240	273721	20.00	ng	0.00
86) Perylene-d12	15.69	264	275228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	817024	121.86	ng	0.00
7) Phenol-d6	6.61	99	987466	116.57	ng	0.00
23) Nitrobenzene-d5	7.53	82	680677	96.79	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	225705	133.65	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1066812	124.08	ng	0.00
78) Terphenyl-d14	13.08	244	876034	79.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	19001	2.957	ng	82
19) n-Nitroso-di-n-propylamine	7.53	70	92924	14.622	ng	# 74
25) Isophorone	7.53	82	680668	49.551	ng	# 64
49) Dimethylphthalate	9.71	163	163641	13.050	ng	99
56) 2,4-Dinitrotoluene	10.01	165	22466	6.984	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	325	6.482	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14381	4.529	ng	# 1

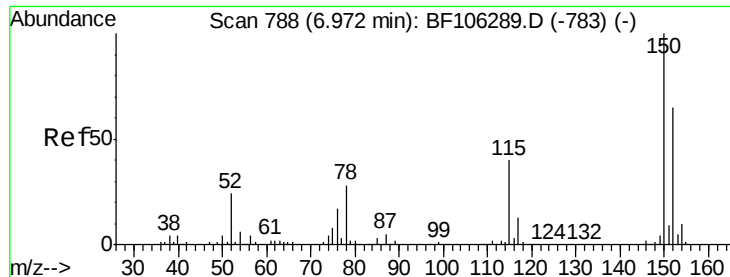
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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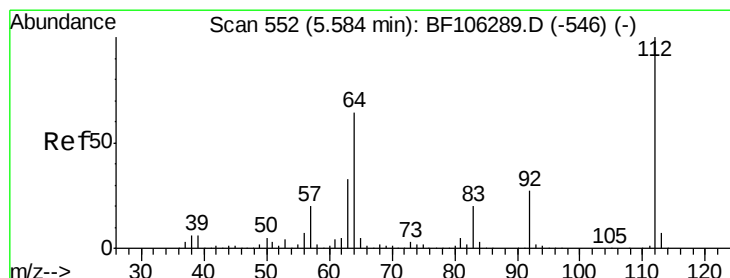
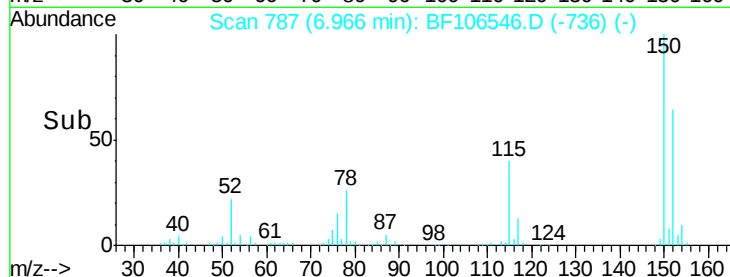
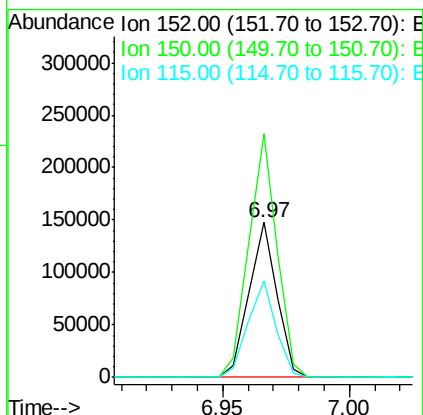
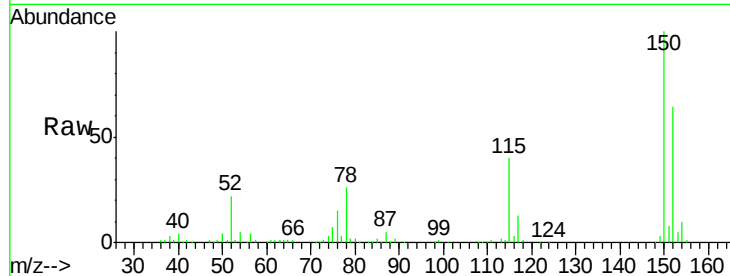


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106546.D
Acq: 18 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
TP-7

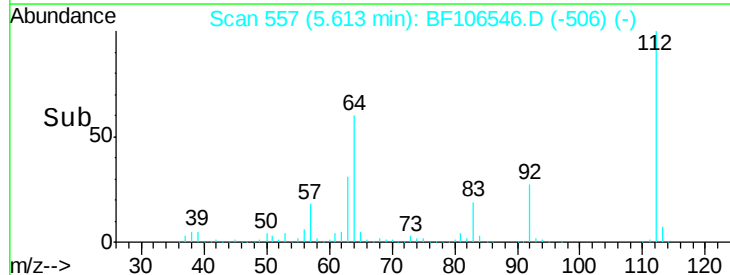
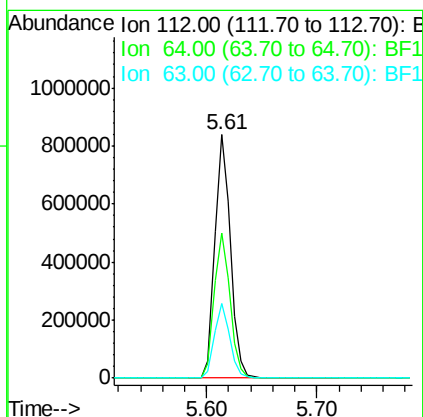
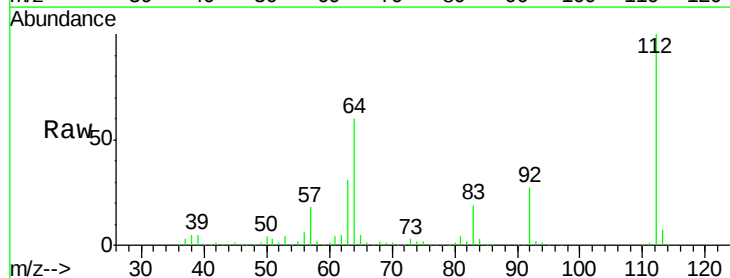
Tgt Ion:152 Resp: 113476
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 62.6 50.1 75.1

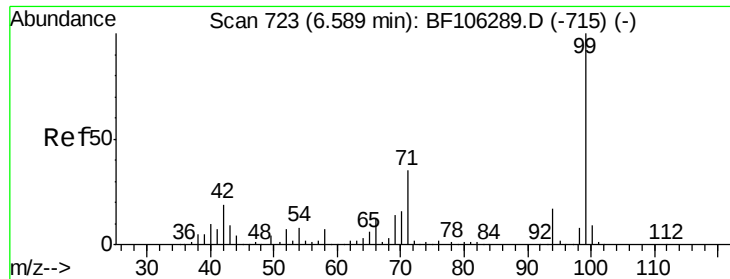


#5

2-Fluorophenol
Concen: 121.859 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106546.D
Acq: 18 Jun 2018 18:42

Tgt Ion:112 Resp: 817024
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 116.574 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106546.D

Acq: 18 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

TP-7

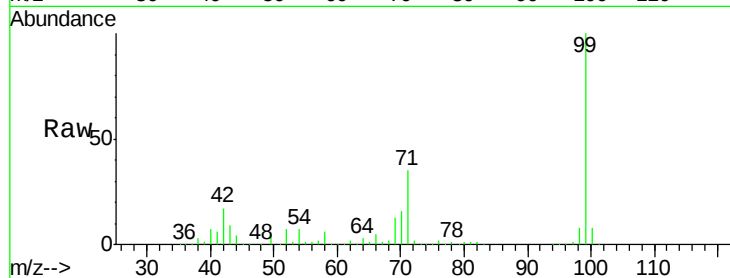
Tgt Ion: 99 Resp: 987466

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

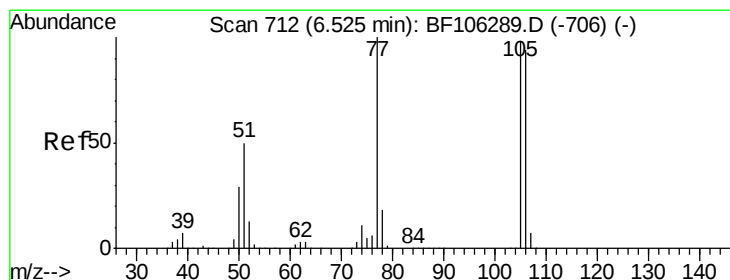
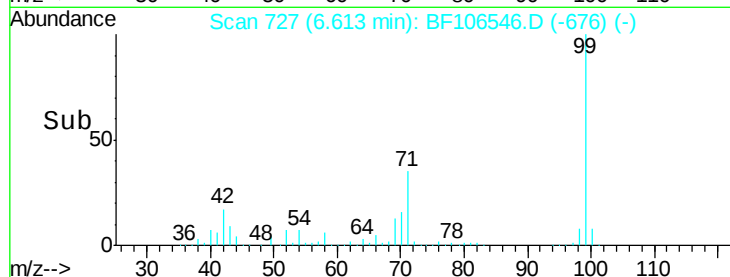
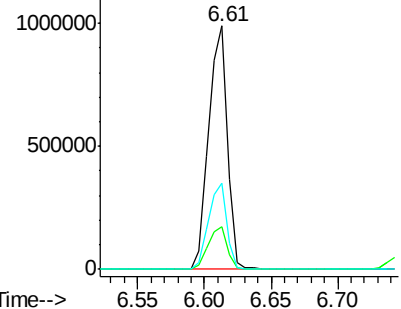
71 35.3 25.4 38.0



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: 2.957 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106546.D

Acq: 18 Jun 2018 18:42

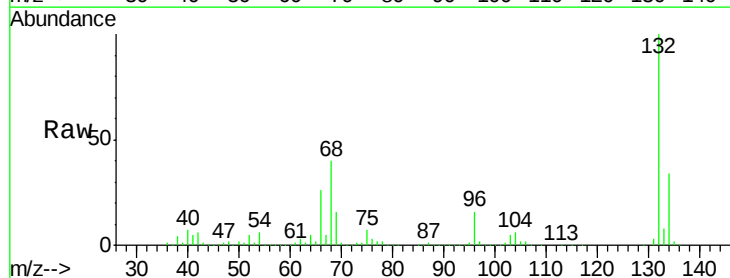
Tgt Ion: 77 Resp: 19001

Ion Ratio Lower Upper

77 100

105 82.0 81.1 121.1

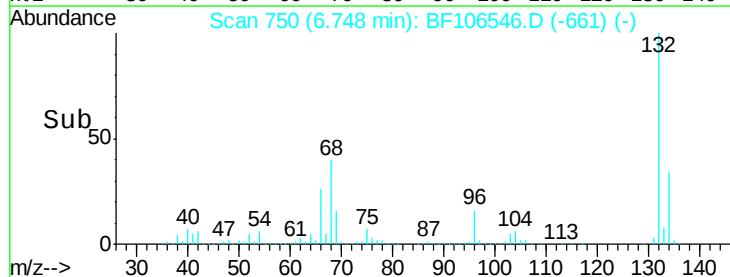
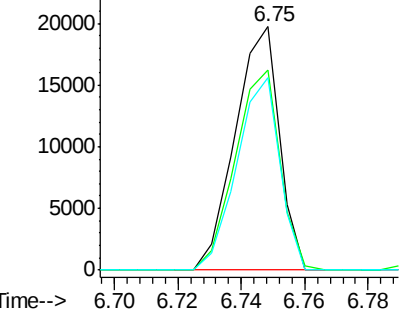
106 79.1 74.5 114.5

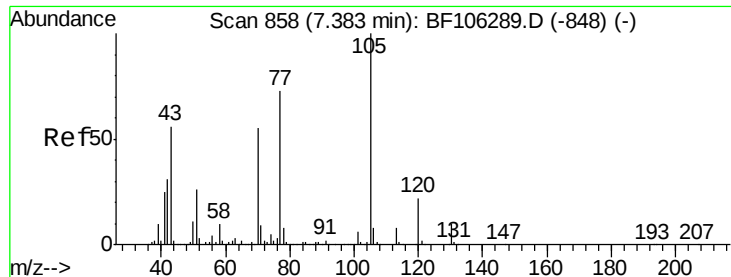


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

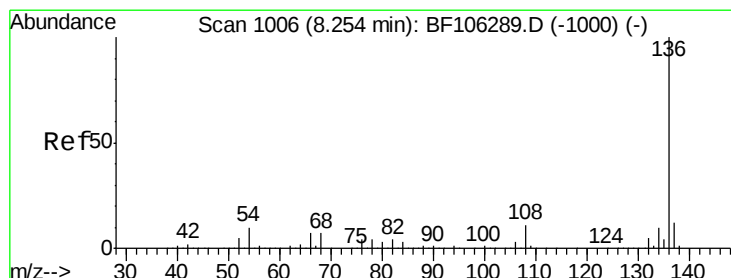
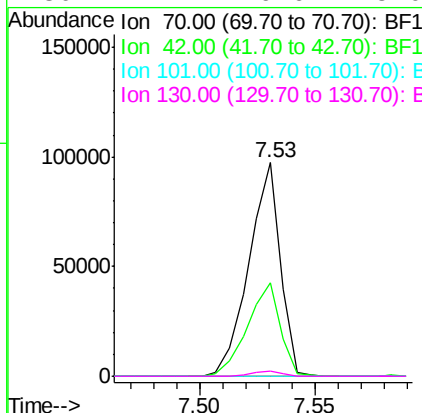
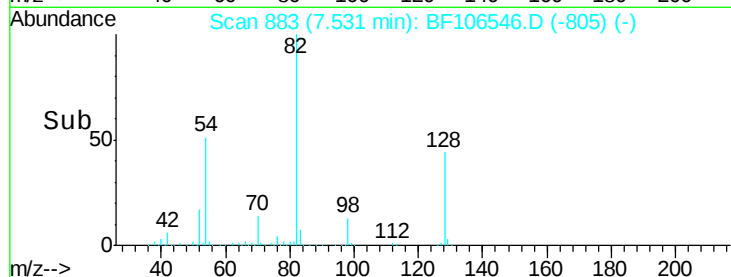
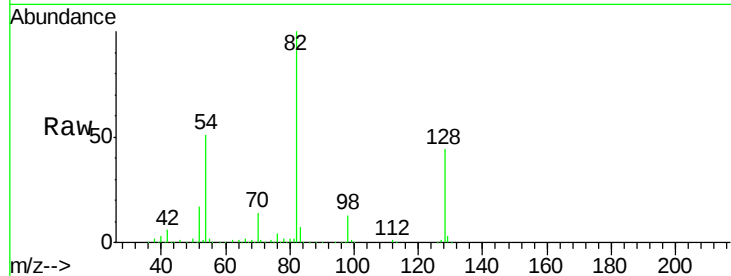




#19
n-Nitroso-di-n-propylamine
Concen: 14.622 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106546.D
Acq: 18 Jun 2018 18:42

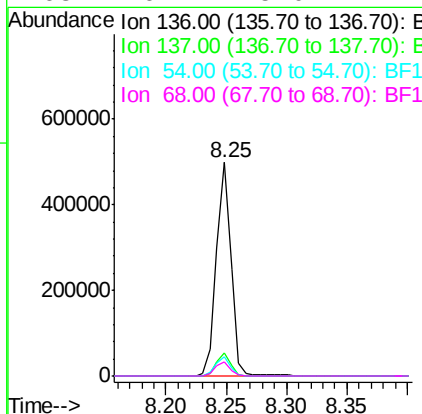
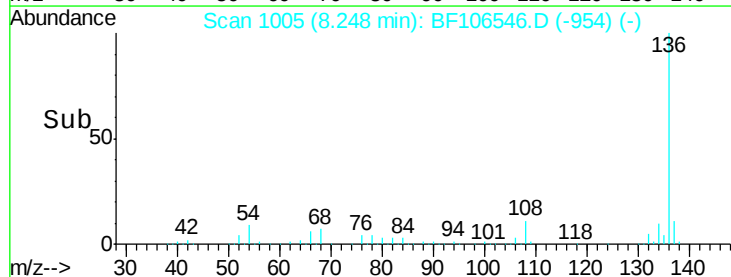
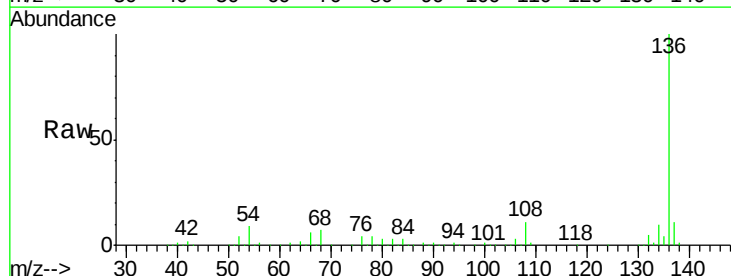
Instrument :
BNA_F
ClientSampleId :
TP-7

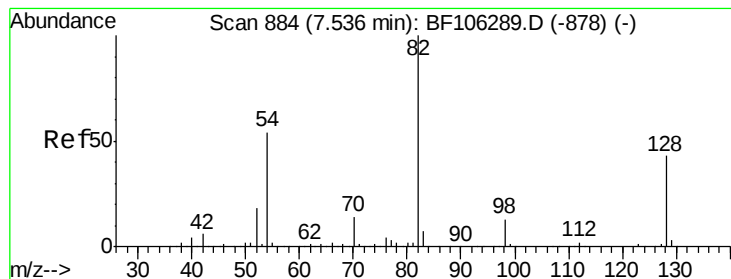
Tgt Ion: 70 Resp: 92924
Ion Ratio Lower Upper
70 100
42 43.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106546.D
Acq: 18 Jun 2018 18:42

Tgt Ion: 136 Resp: 413729
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.8 6.6 9.8
68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 96.786 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106546.D

Acq: 18 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

TP-7

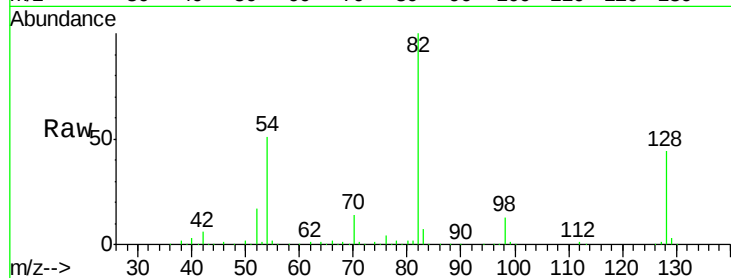
Tgt Ion: 82 Resp: 680677

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

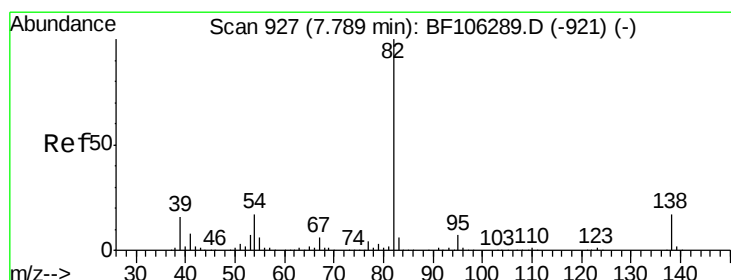
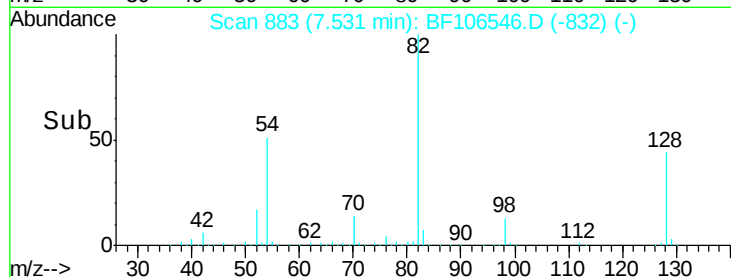
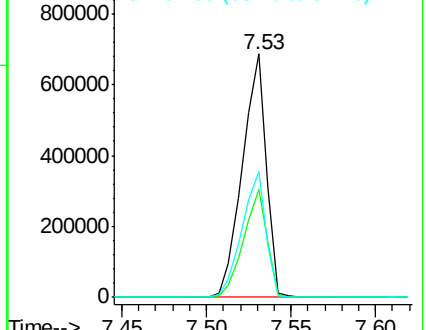
54 51.4 41.4 62.2



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: 49.551 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106546.D

Acq: 18 Jun 2018 18:42

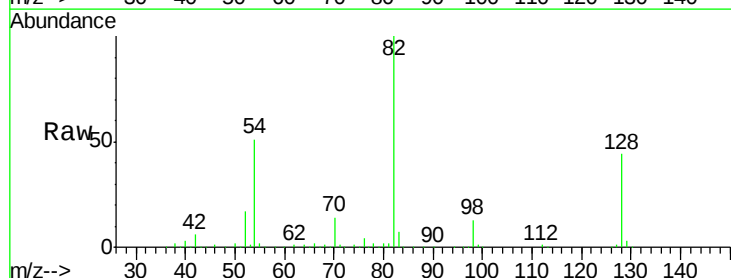
Tgt Ion: 82 Resp: 680668

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

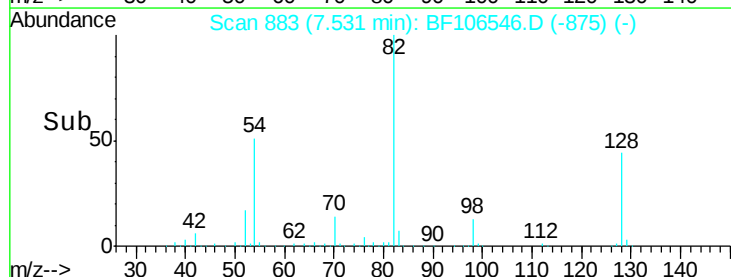
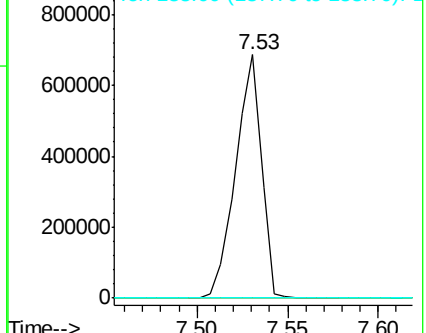
138 0.0 14.9 22.3#

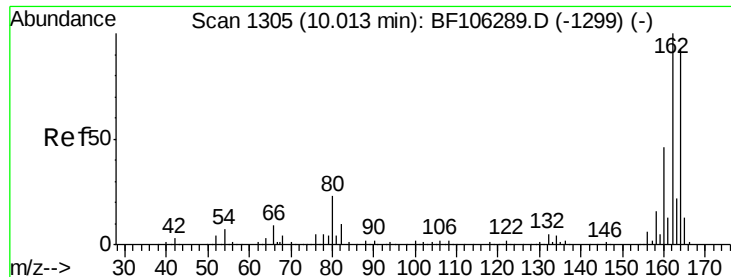


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF106546.D

Acq: 18 Jun 2018 18:42

Instrument :

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TP-7

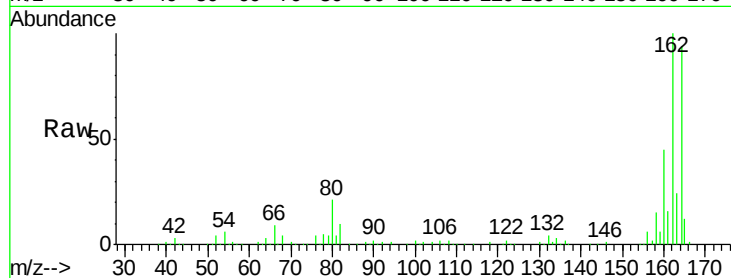
Tgt Ion:164 Resp: 175517

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

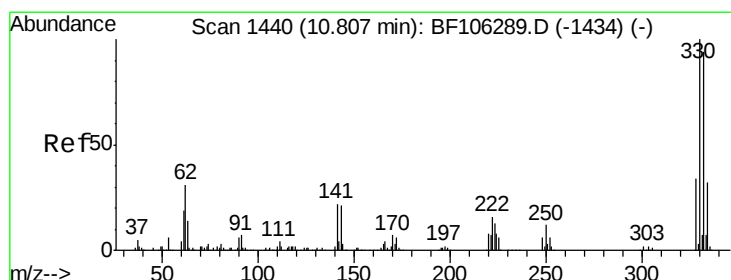
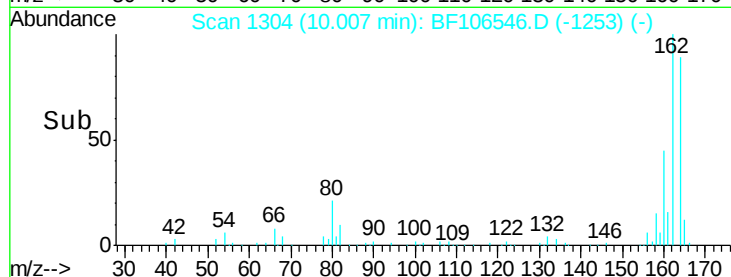
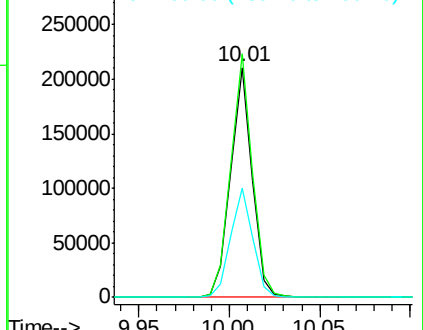
160 47.6 38.3 57.5



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: 133.650 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106546.D

Acq: 18 Jun 2018 18:42

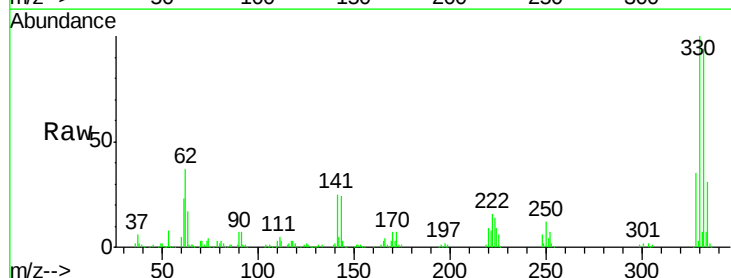
Tgt Ion:330 Resp: 225705

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

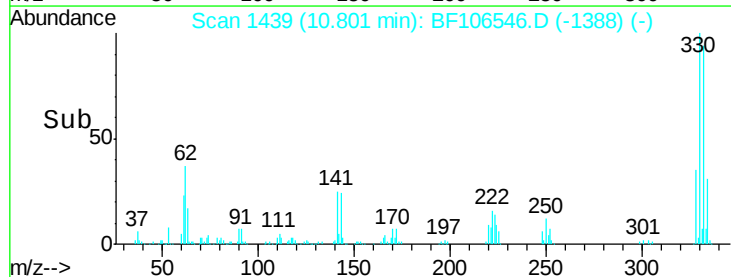
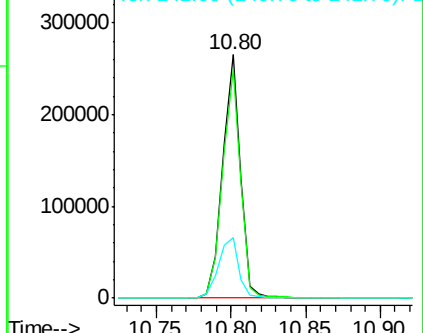
141 27.8 29.9 44.9#

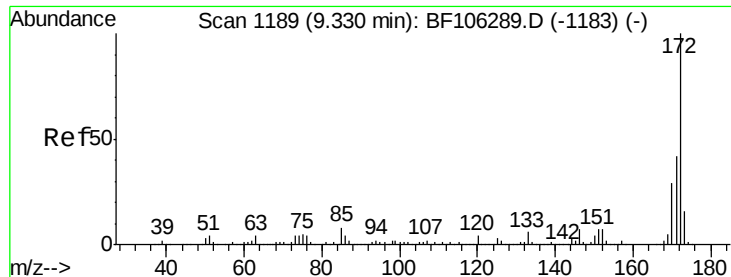


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

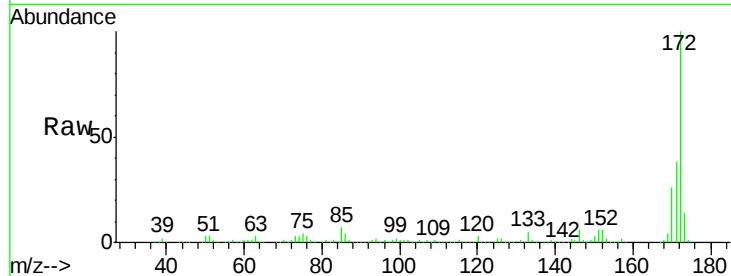




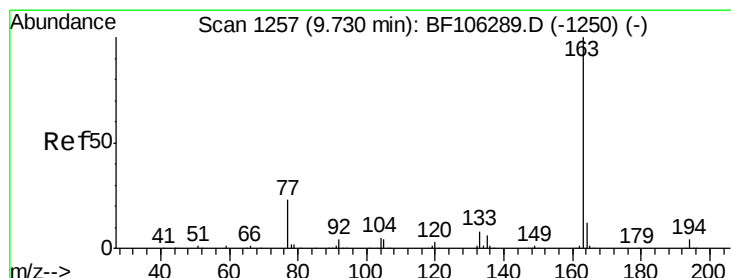
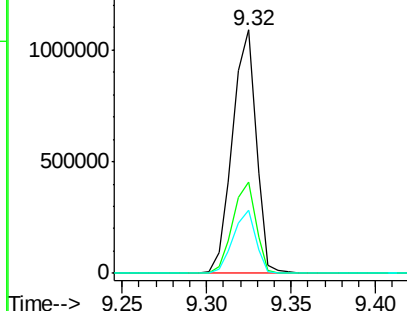
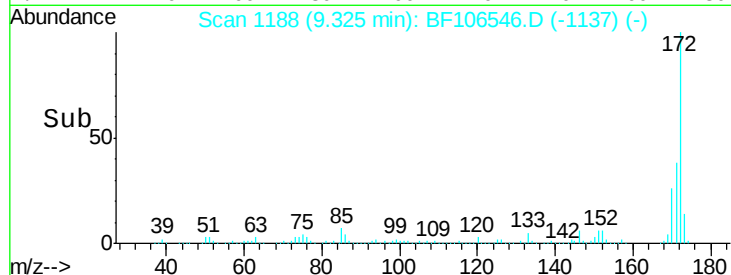
#44
 2-Fluorobiphenyl
 Concen: 124.083 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106546.D
 Acq: 18 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tgt Ion:172 Resp: 1066812
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.7 44.5
 170 25.9 19.6 29.4

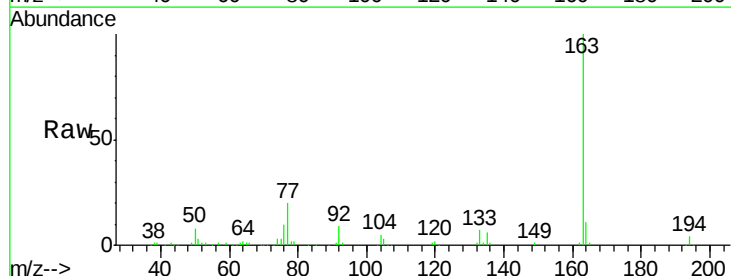


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

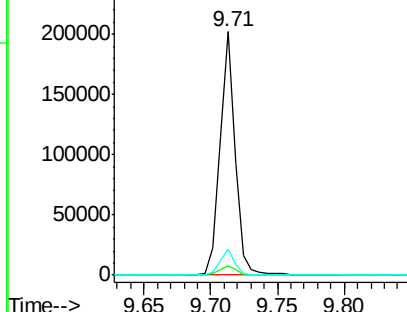
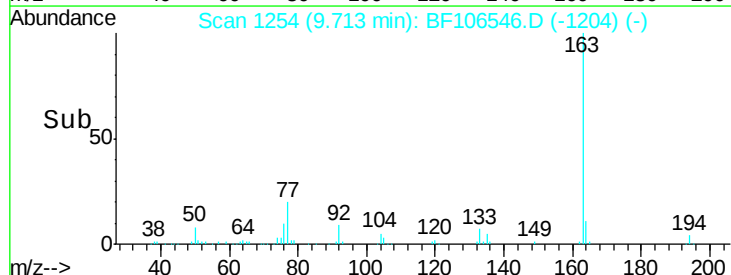


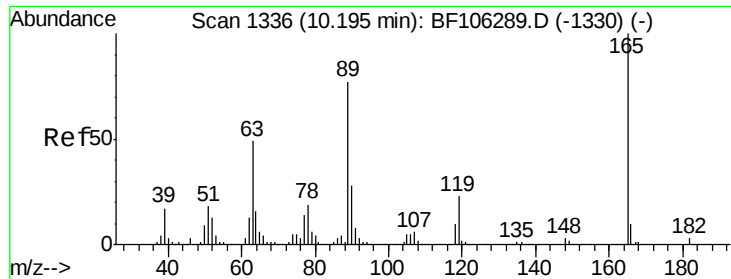
#49
 Dimethylphthalate
 Concen: 13.050 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106546.D
 Acq: 18 Jun 2018 18:42

Tgt Ion:163 Resp: 163641
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.5 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

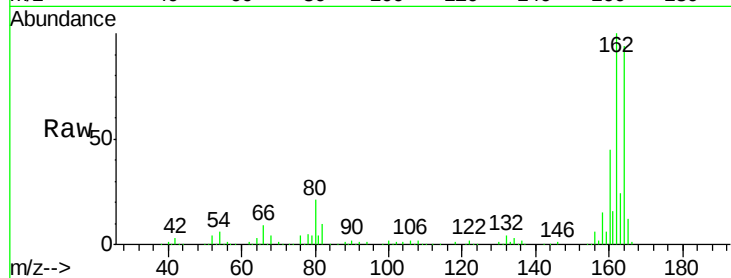




#56
2,4-Dinitrotoluene
Concen: 6.984 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106546.D
Acq: 18 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

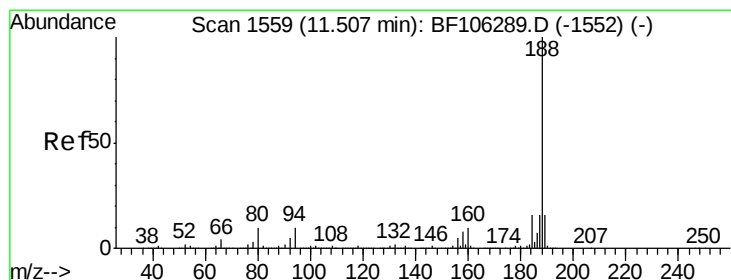
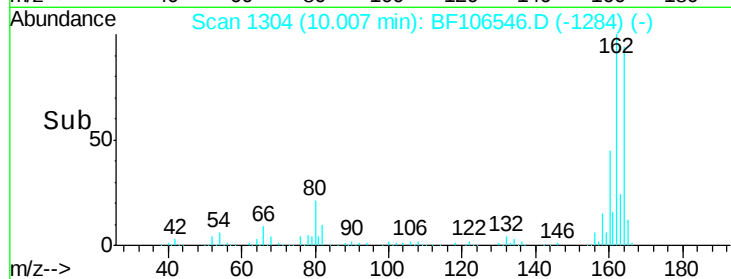
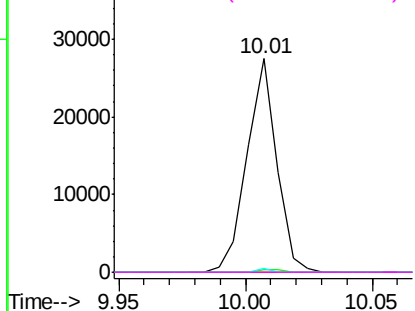


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

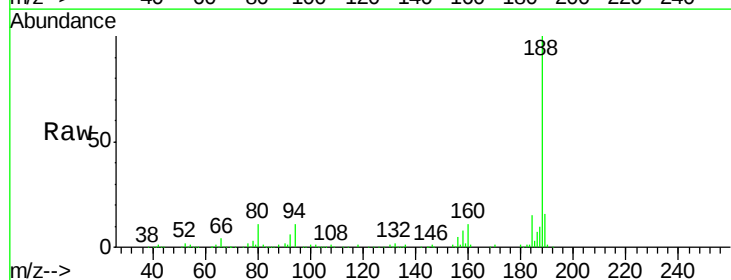
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106546.D
Acq: 18 Jun 2018 18:42

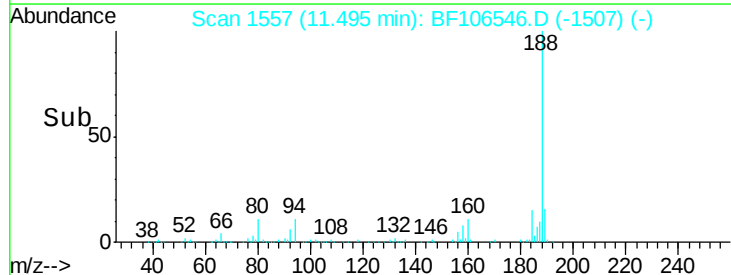
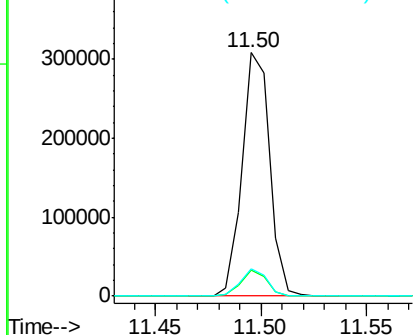
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.3	9.2	13.8

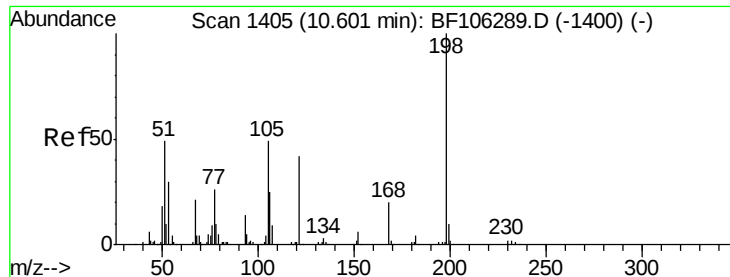


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

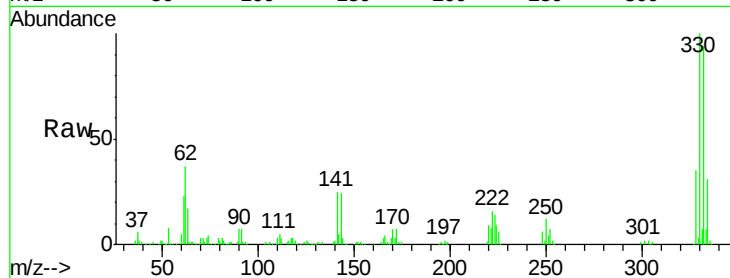




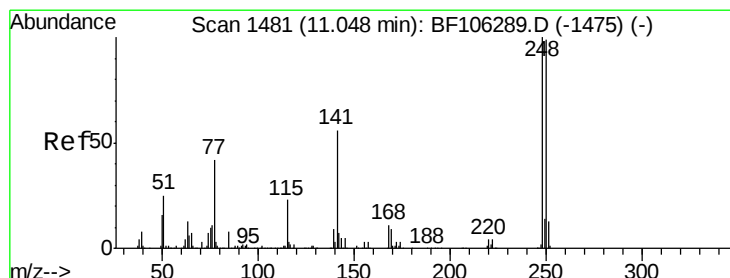
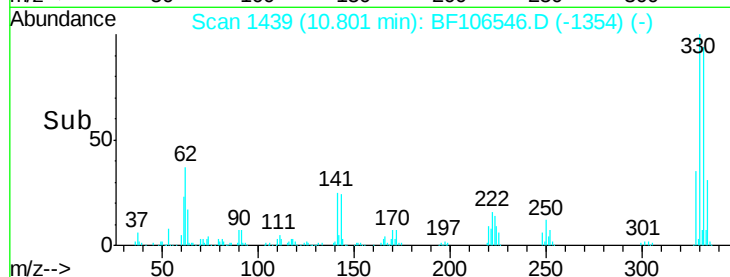
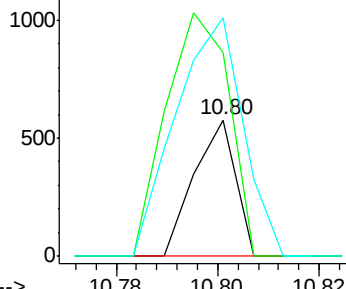
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.482 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106546.D
 Acq: 18 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tgt Ion:198 Resp: 325
 Ion Ratio Lower Upper
 198 100
 51 149.8 37.7 77.7#
 105 175.0 36.3 76.3#

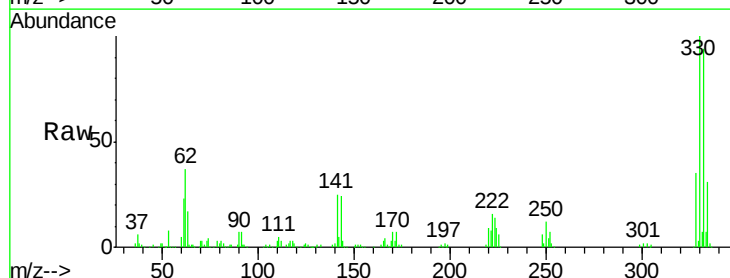


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

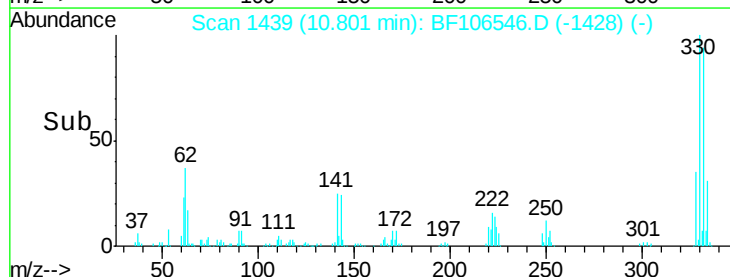
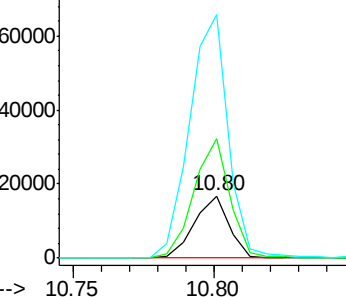


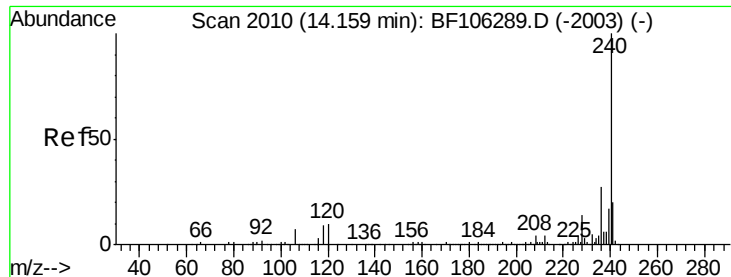
#66
 4-Bromophenyl-phenylether
 Concen: 4.529 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106546.D
 Acq: 18 Jun 2018 18:42

Tgt Ion:248 Resp: 14381
 Ion Ratio Lower Upper
 248 100
 250 190.8 76.9 115.3#
 141 390.0 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: BF106546.D

Acq: 18 Jun 2018 18:42

Instrument :

BNA_F

ClientSampleId :

TP-7

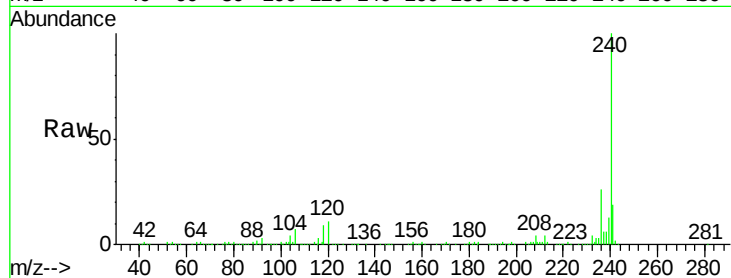
Tgt Ion:240 Resp: 273721

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

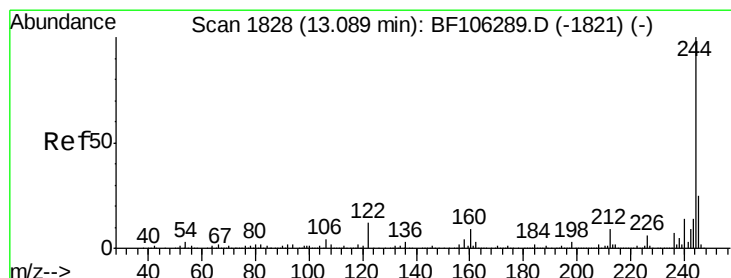
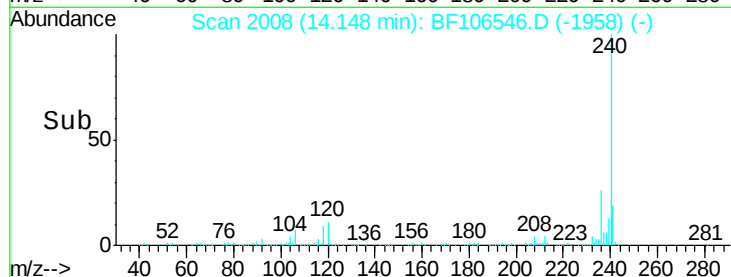
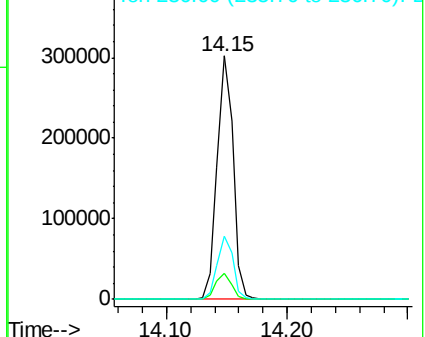
236 25.7 20.7 31.1



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: 79.493 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106546.D

Acq: 18 Jun 2018 18:42

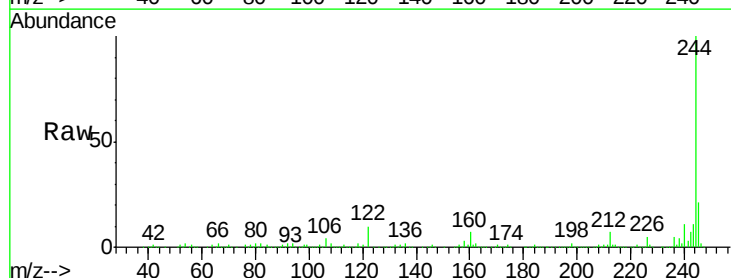
Tgt Ion:244 Resp: 876034

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

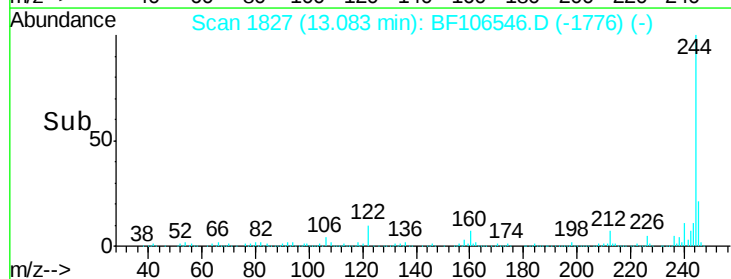
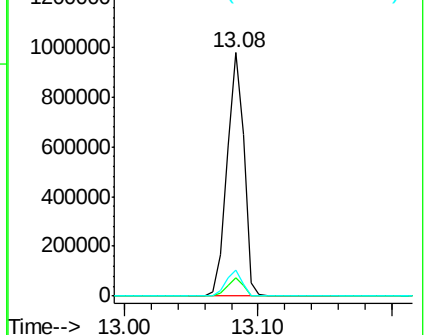
122 10.4 11.0 16.4#

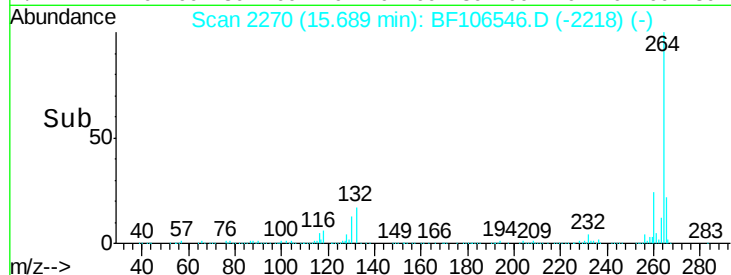
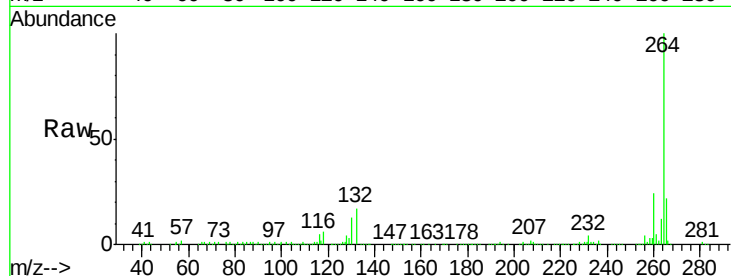
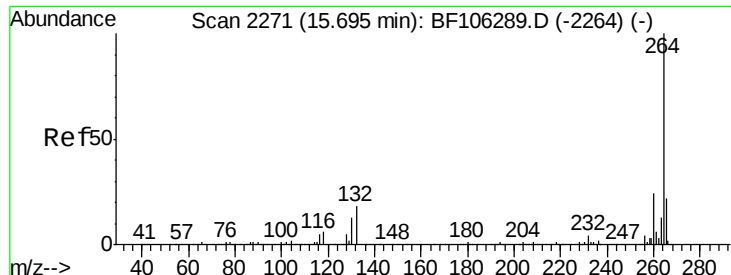


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106546.D
Acq: 18 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:	264	Resp:	275228
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.5	26.3

