

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106489.D
 Acq On : 15 Jun 2018 14:08
 Operator : JU/SJ
 Sample : PB110238BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BL

Quant Time: Jun 15 22:57:00 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

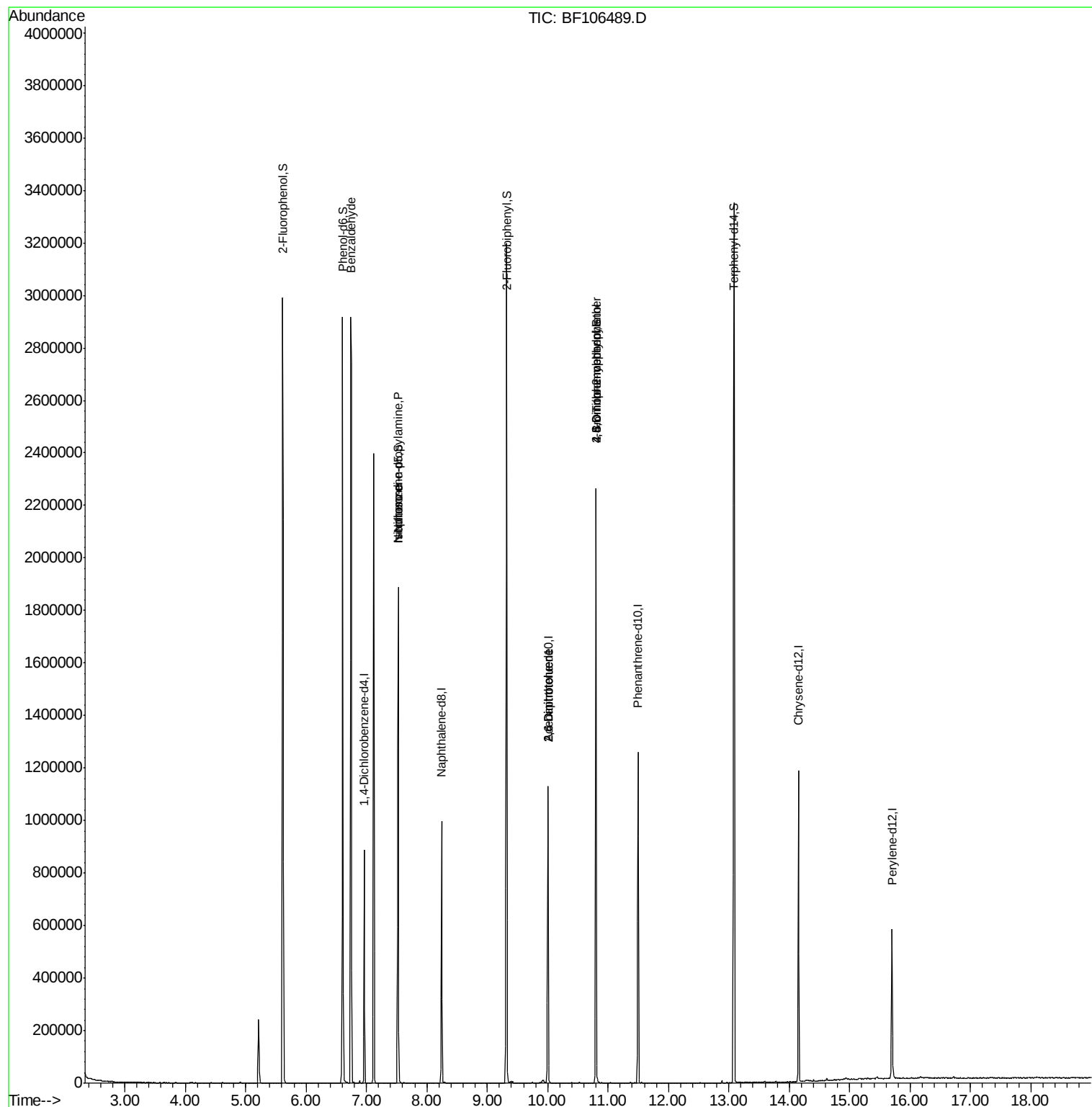
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	121994	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	456576	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	219555	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	441108	20.00	ng	0.00
75) Chrysene-d12	14.15	240	387732	20.00	ng	0.00
86) Perylene-d12	15.70	264	285534	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	835327	115.89	ng	0.00
7) Phenol-d6	6.61	99	1016262	111.60	ng	0.00
23) Nitrobenzene-d5	7.52	82	709323	91.39	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	311607	147.51	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1191901	102.83	ng	0.00
78) Terphenyl-d14	13.09	244	1346208	86.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	19214	2.782	ng	84
19) n-Nitroso-di-n-propylamine	7.52	70	96769	14.164	ng	# 77
25) Isophorone	7.52	82	709315	46.791	ng	# 64
50) 2,6-Dinitrotoluene	10.01	165	28010	8.742	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	28010	6.961	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	646	6.531	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20703	4.126	ng	# 1

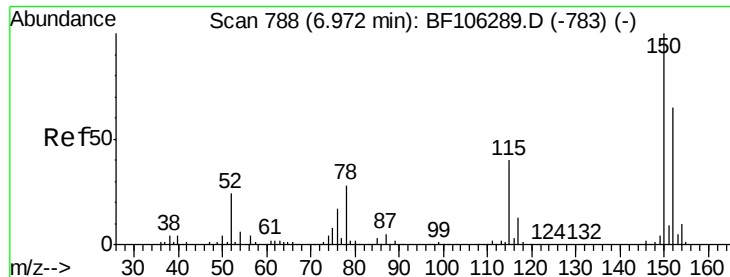
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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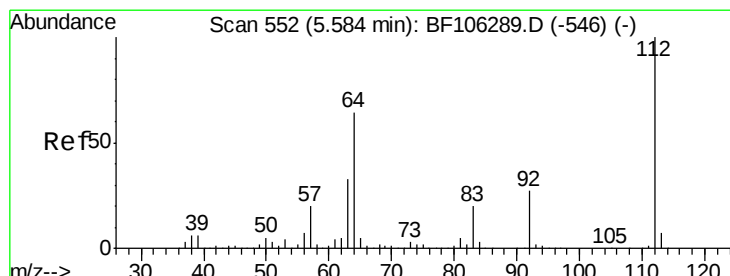
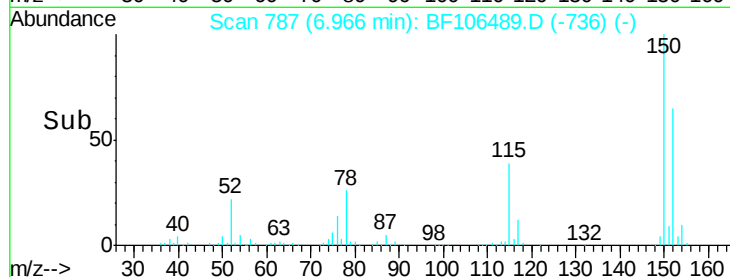
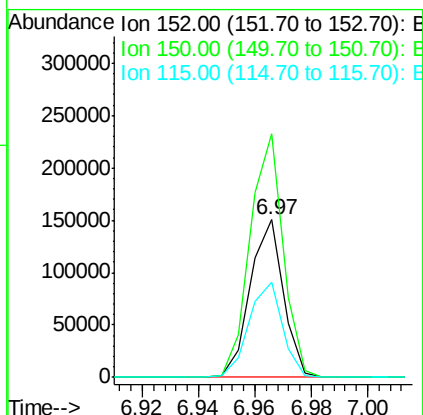
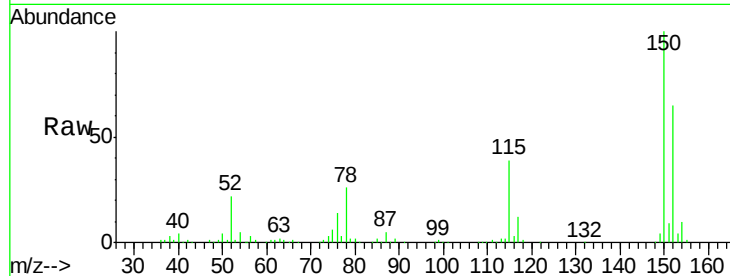


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

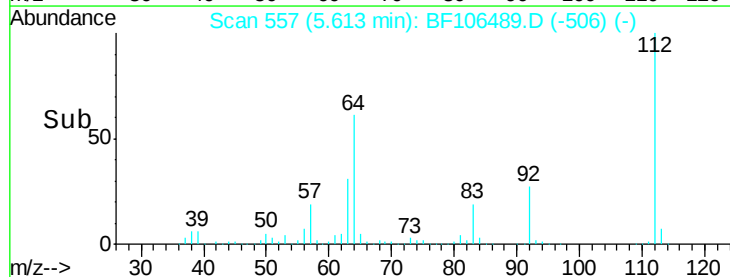
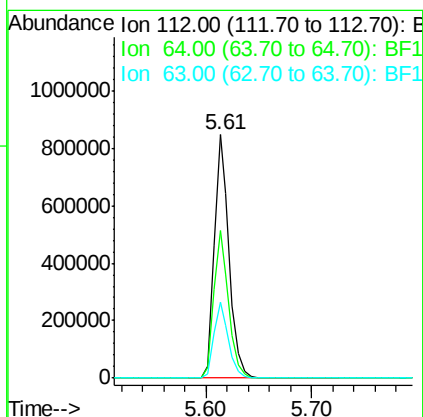
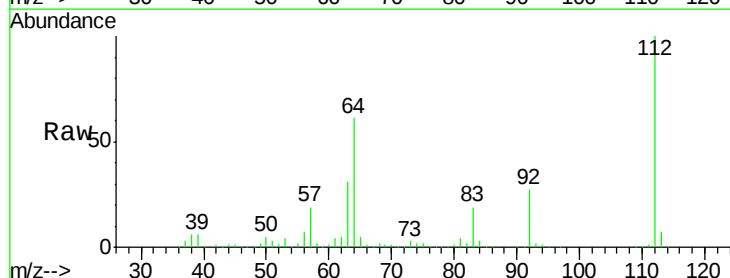
Tgt Ion:152 Resp: 121994
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 60.5 50.1 75.1

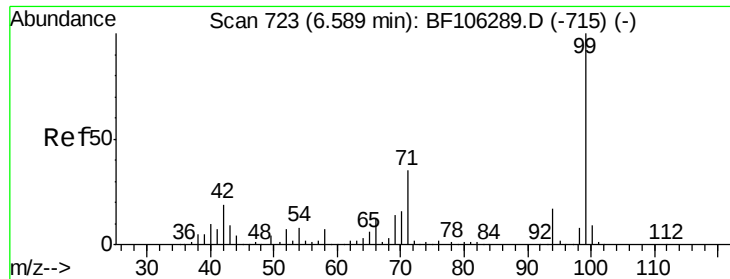


#5

2-Fluorophenol
Concen: 115.890 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion:112 Resp: 835327
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 111.597 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106489.D

Acq: 15 Jun 2018 14:08

Instrument :

BNA_F

ClientSampleId :

PB110238BL

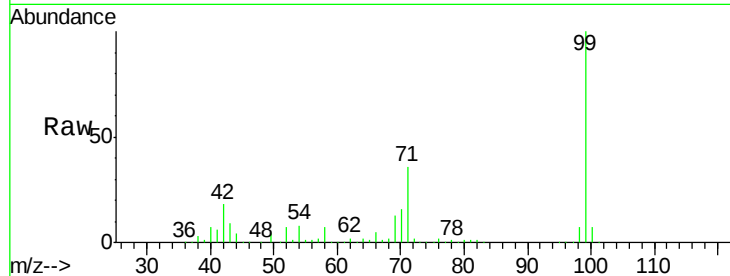
Tgt Ion: 99 Resp: 1016262

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

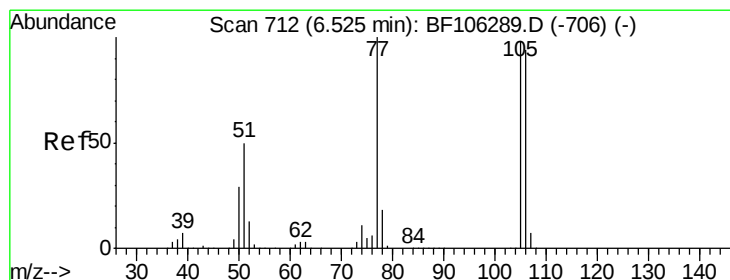
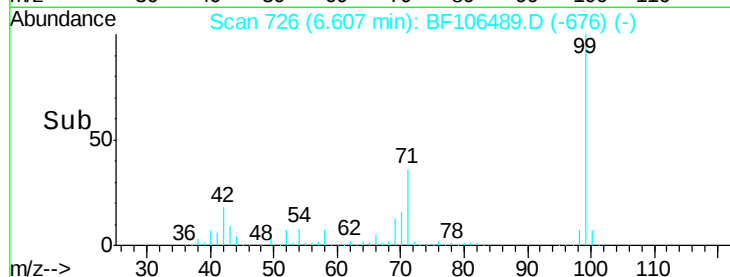
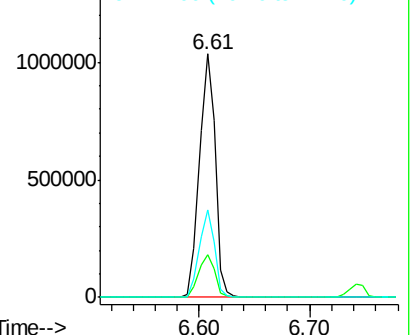
71 35.9 25.4 38.0



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: 2.782 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106489.D

Acq: 15 Jun 2018 14:08

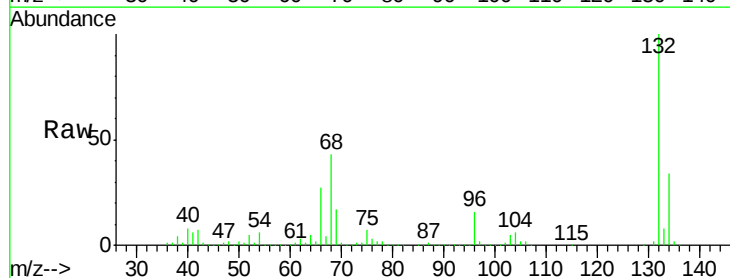
Tgt Ion: 77 Resp: 19214

Ion Ratio Lower Upper

77 100

105 83.5 81.1 121.1

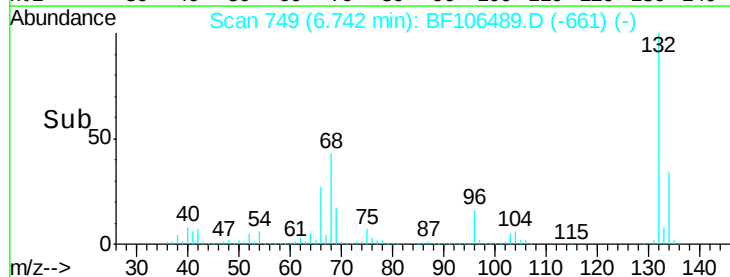
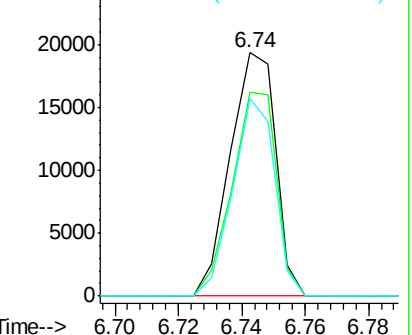
106 81.4 74.5 114.5

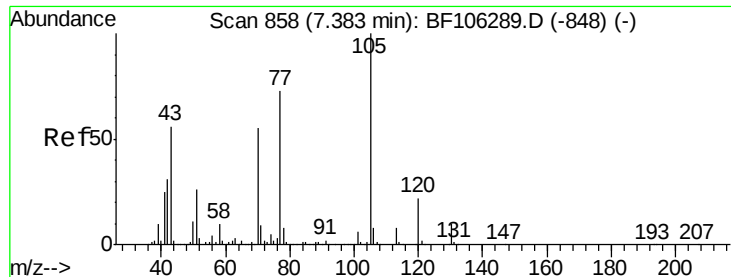


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

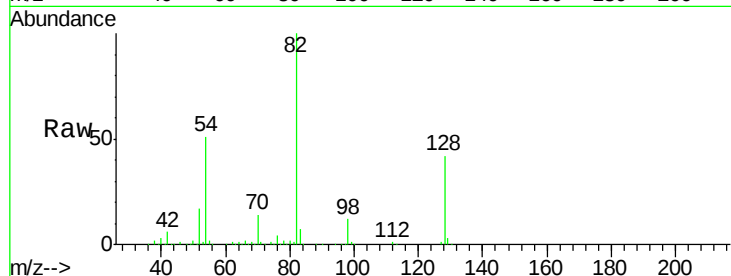




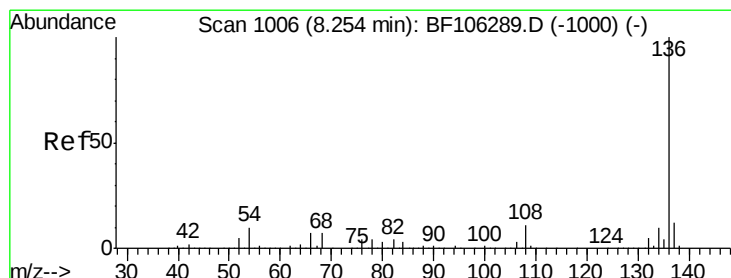
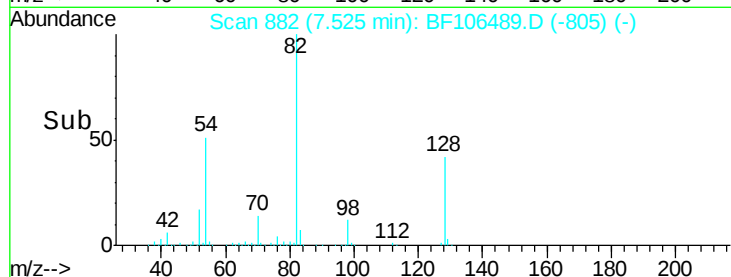
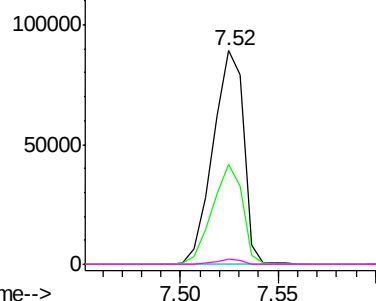
#19
n-Nitroso-di-n-propylamine
Concen: 14.164 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

Tgt Ion: 70 Resp: 96769
Ion Ratio Lower Upper
70 100
42 46.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#

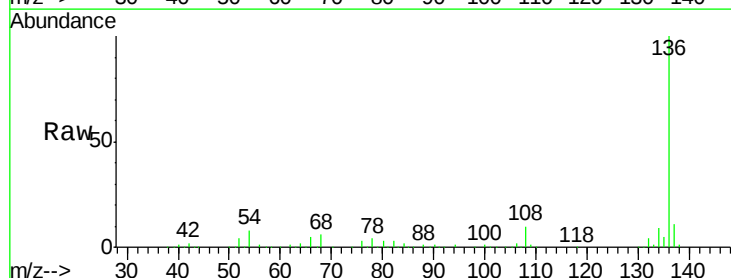


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

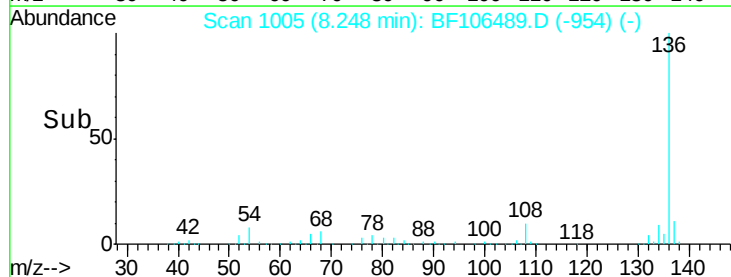
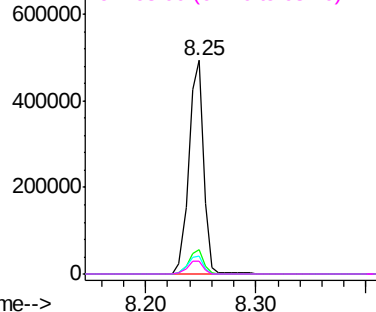


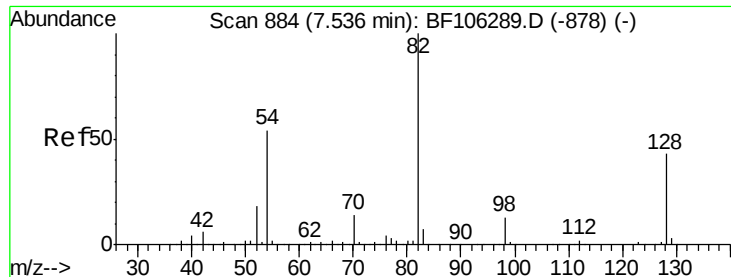
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion: 136 Resp: 456576
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.3 6.6 9.8
68 6.1 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

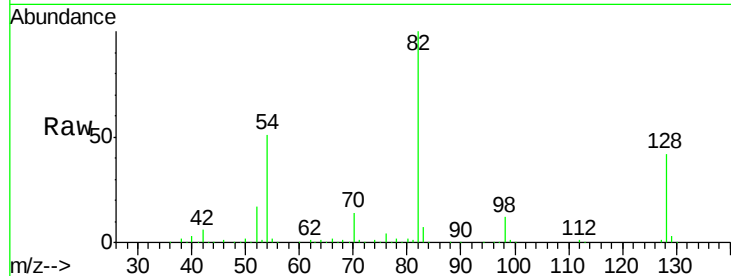




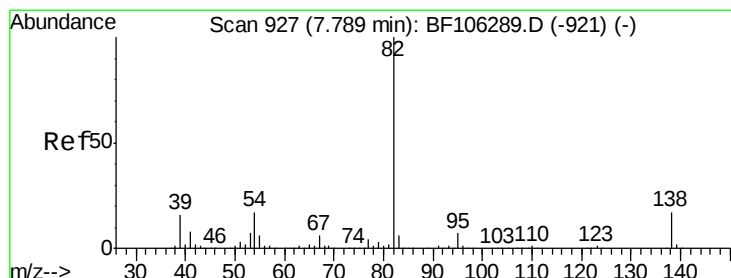
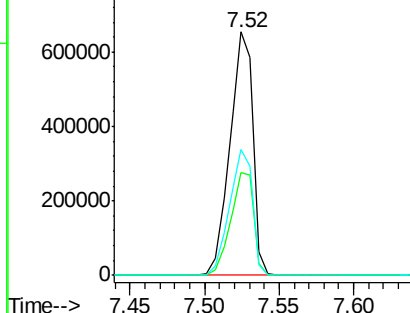
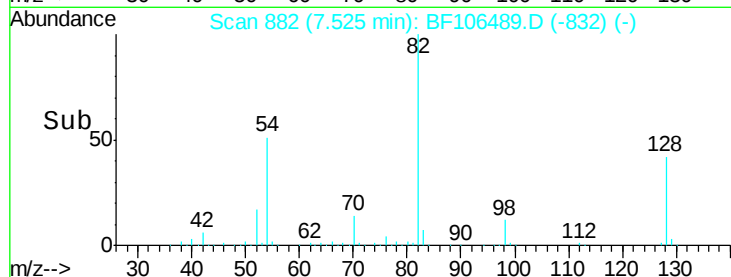
#23
Nitrobenzene-d5
Concen: 91.394 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

Tgt Ion: 82 Resp: 709323
Ion Ratio Lower Upper
82 100
128 42.5 36.1 54.1
54 51.5 41.4 62.2

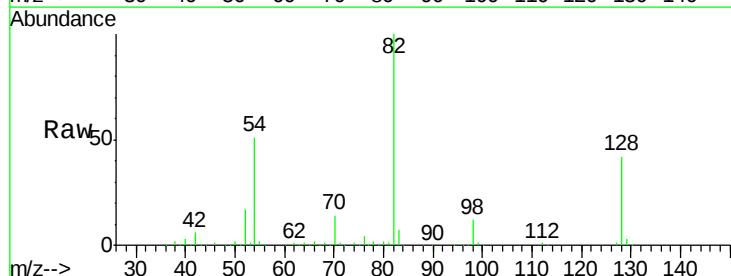


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

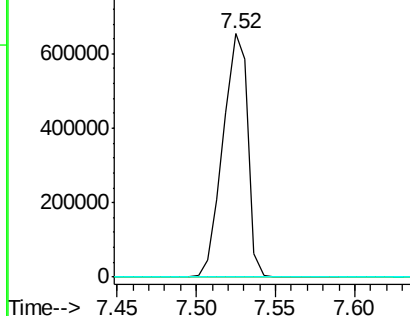
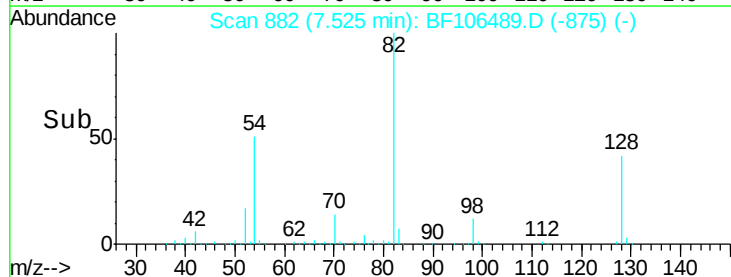


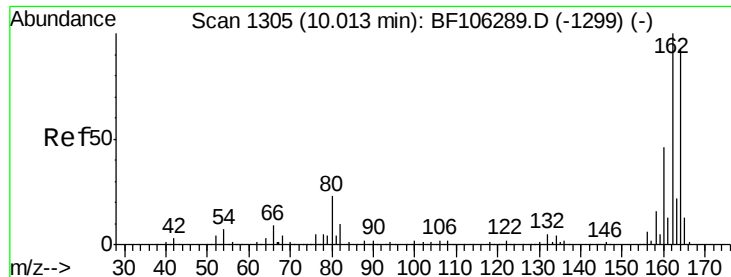
#25
Isophorone
Concen: 46.791 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion: 82 Resp: 709315
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: BF106489.D

Acq: 15 Jun 2018 14:08

Instrument :

BNA_F

ClientSampleId :

PB110238BL

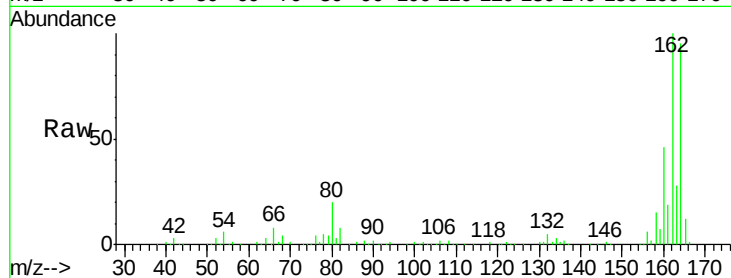
Tgt Ion:164 Resp: 219555

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

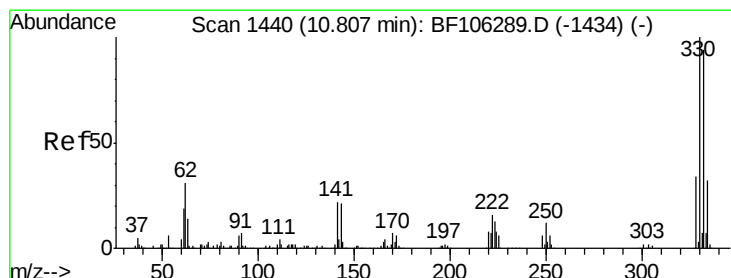
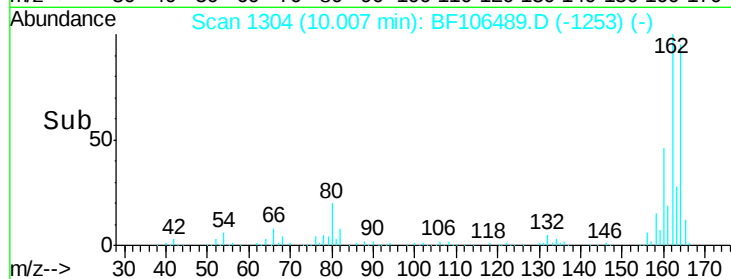
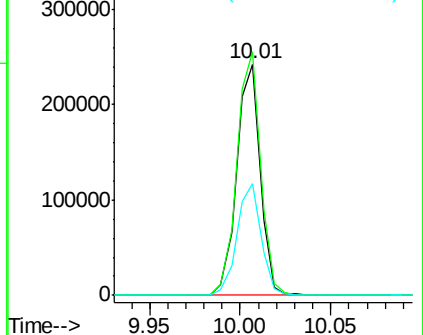
160 48.1 38.3 57.5



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: 147.506 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106489.D

Acq: 15 Jun 2018 14:08

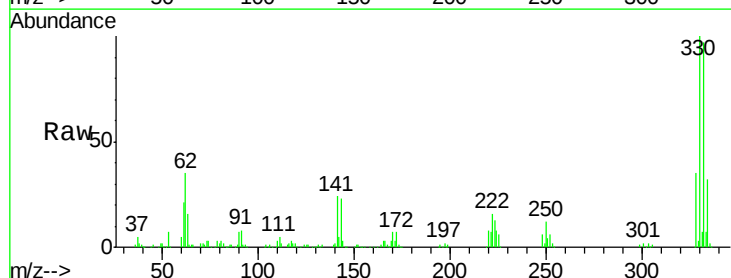
Tgt Ion:330 Resp: 311607

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

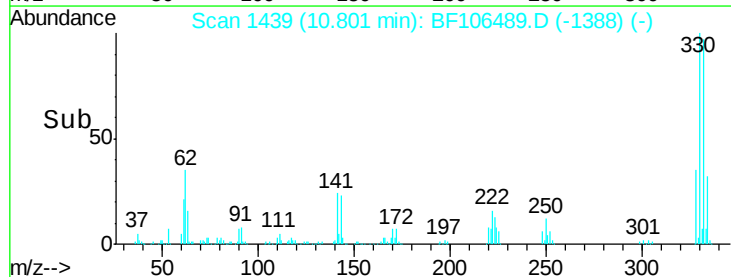
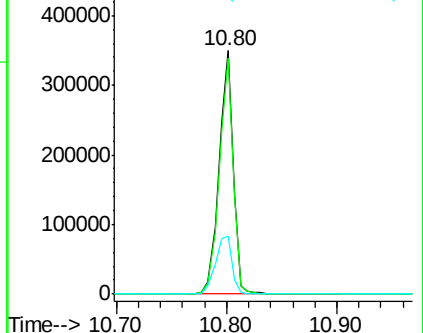
141 27.9 29.9 44.9#

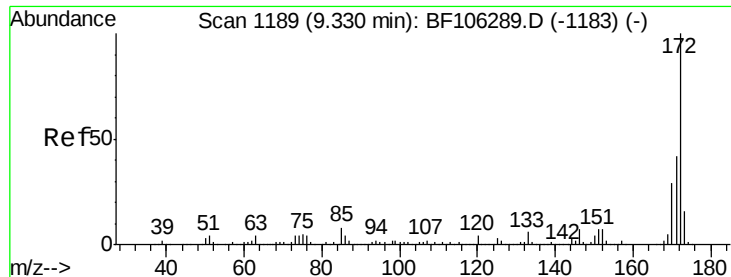


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

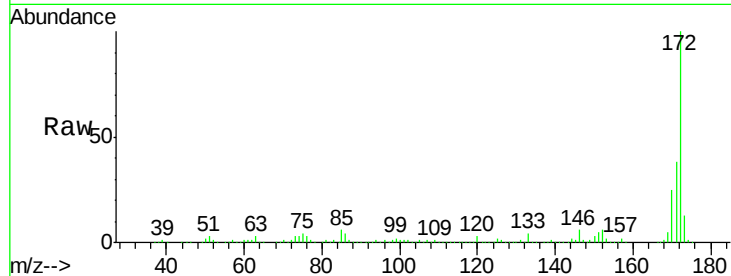




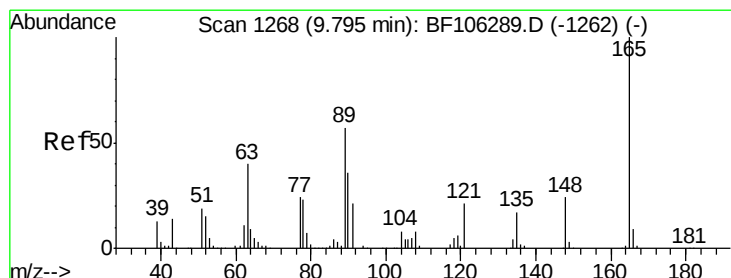
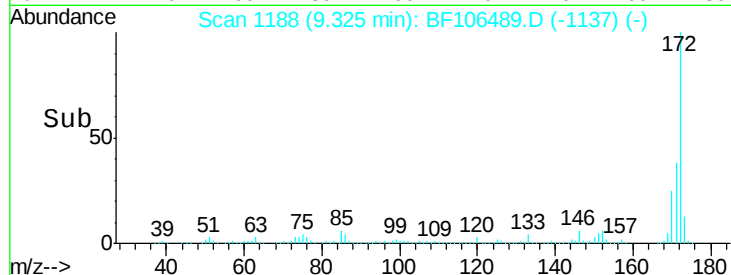
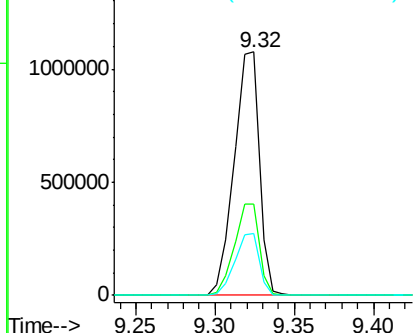
#44
2-Fluorobiphenyl
Concen: 102.834 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
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Tgt Ion:172 Resp: 1191901
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 25.4 19.6 29.4

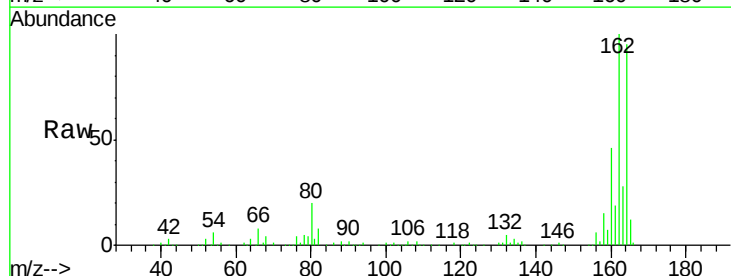


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

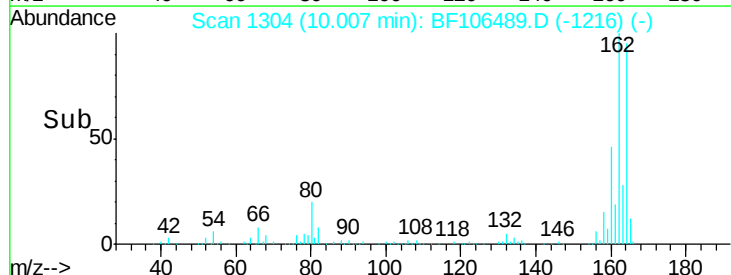
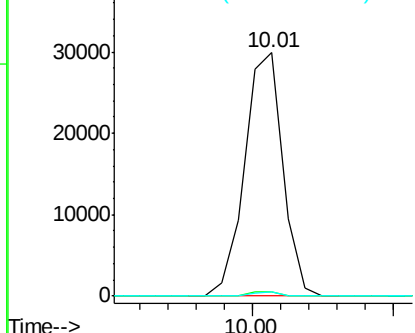


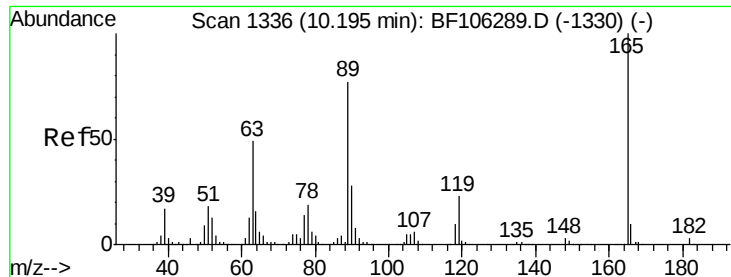
#50
2,6-Dinitrotoluene
Concen: 8.742 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.22 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion:165 Resp: 28010
Ion Ratio Lower Upper
165 100
63 2.0 44.7 67.1#
89 1.8 44.0 66.0#



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

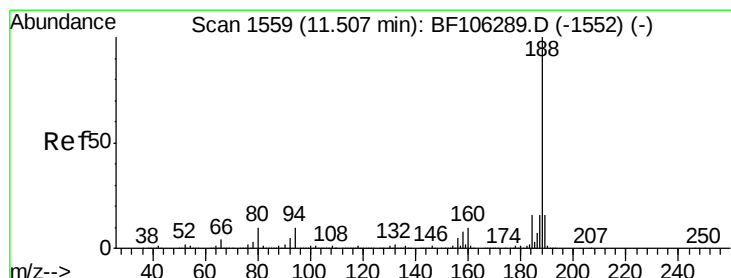
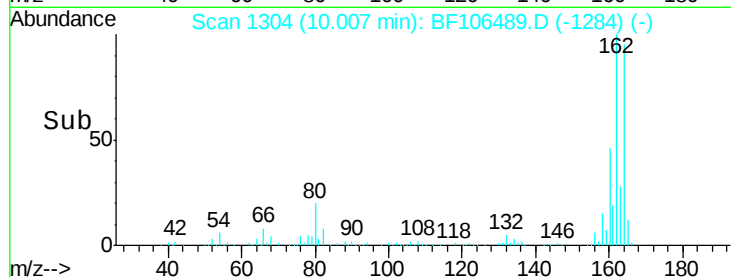
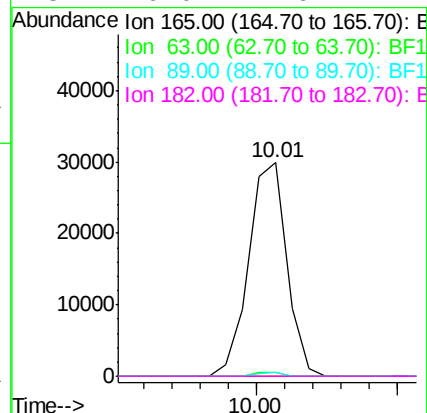
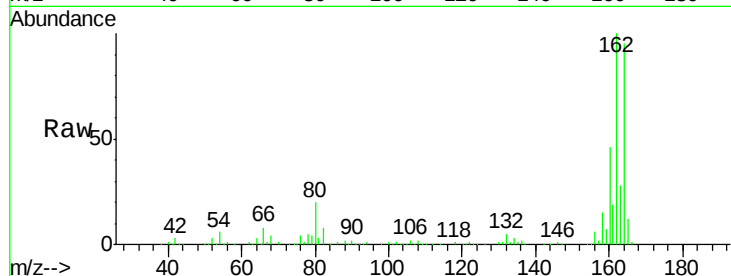




#56
2,4-Dinitrotoluene
Concen: 6.961 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

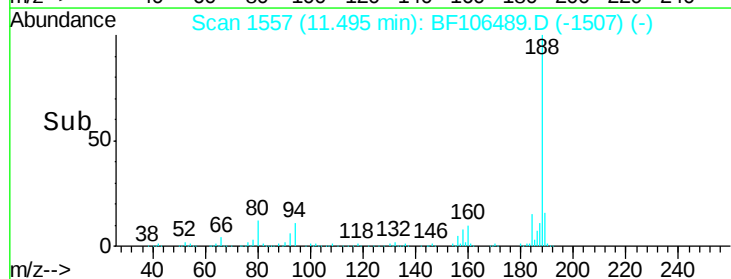
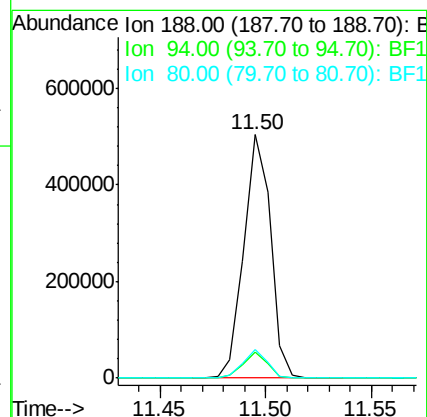
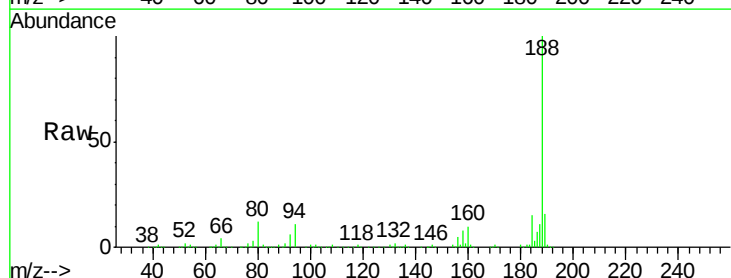
Instrument :
BNA_F
ClientSampleId :
PB110238BL

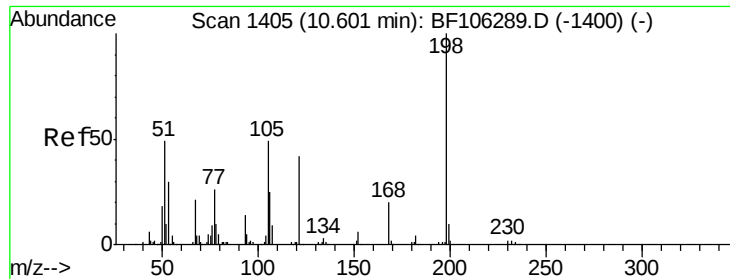
Tgt Ion:	165	Resp:	28010
Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion:	188	Resp:	441108
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.6	9.2	13.8

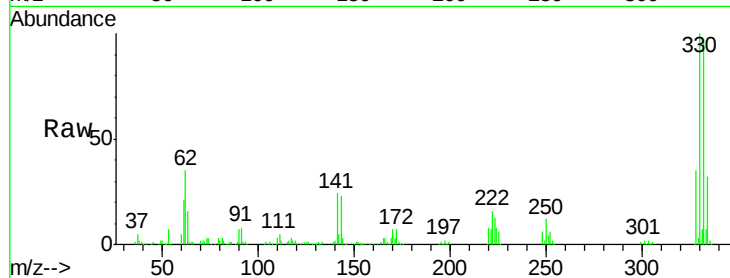




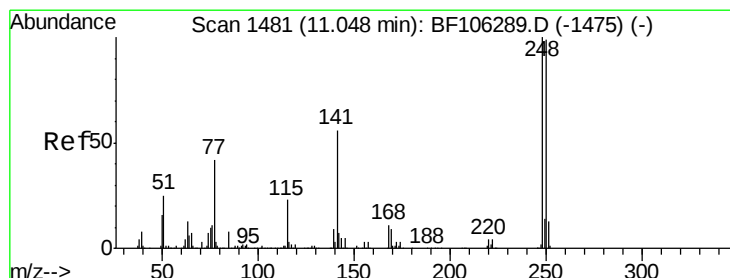
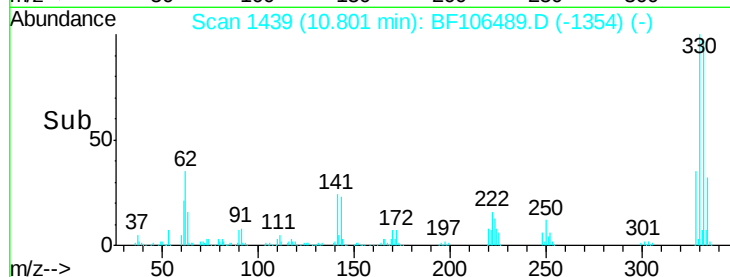
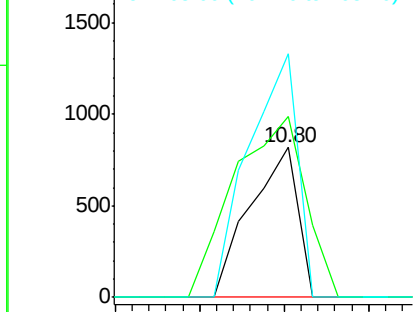
#64
4,6-Dinitro-2-methylphenol
Concen: 6.531 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

Tgt Ion:198 Resp: 646
Ion Ratio Lower Upper
198 100
51 121.1 37.7 77.7#
105 162.6 36.3 76.3#

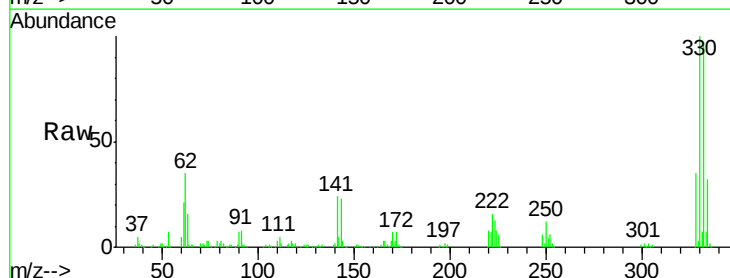


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

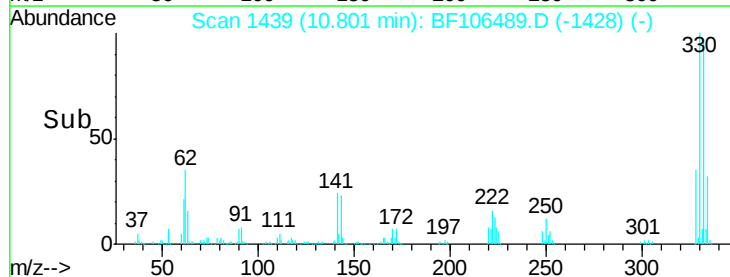
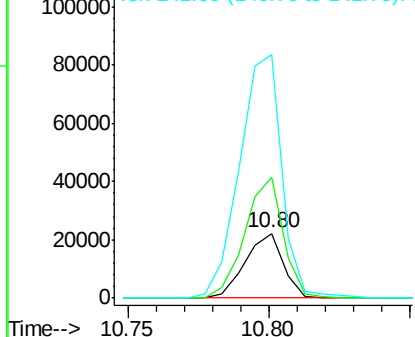


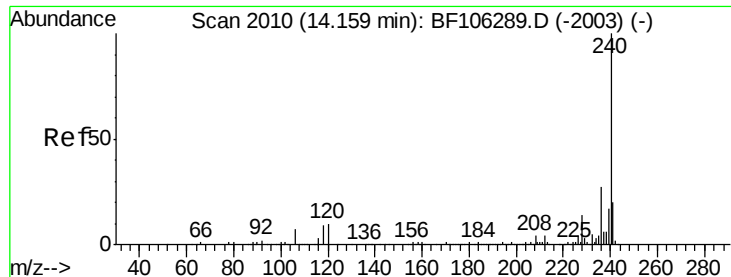
#66
4-Bromophenyl-phenylether
Concen: 4.126 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Tgt Ion:248 Resp: 20703
Ion Ratio Lower Upper
248 100
250 187.6 76.9 115.3#
141 376.4 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: BF106489.D

Acq: 15 Jun 2018 14:08

Instrument :

BNA_F

ClientSampleId :

PB110238BL

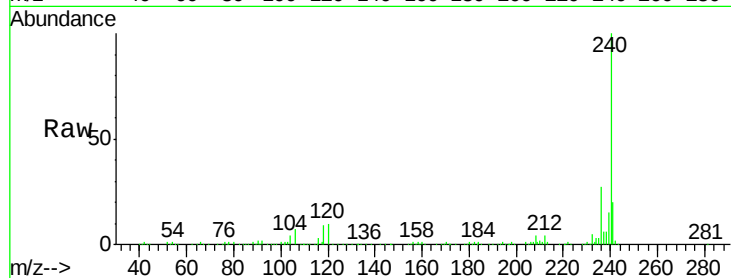
Tgt Ion:240 Resp: 387732

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

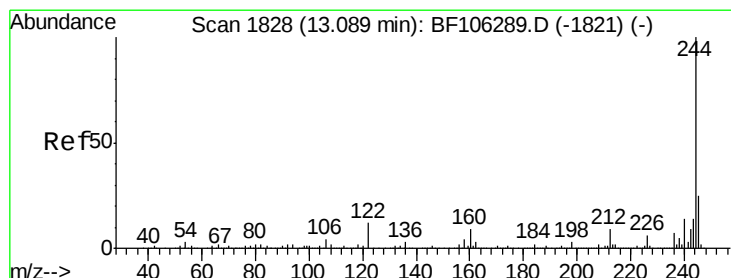
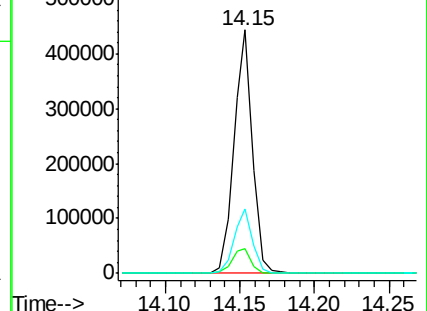
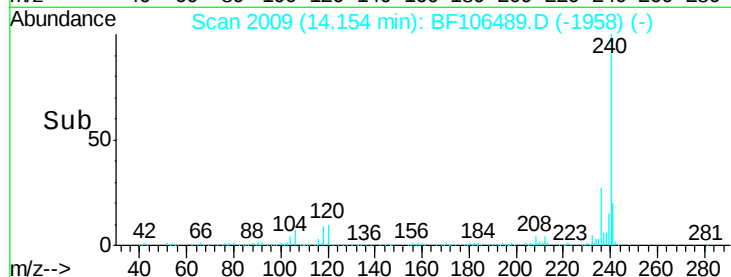
236 26.7 20.7 31.1



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: 86.237 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106489.D

Acq: 15 Jun 2018 14:08

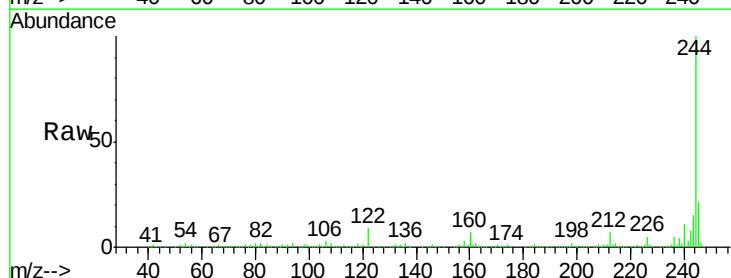
Tgt Ion:244 Resp: 1346208

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

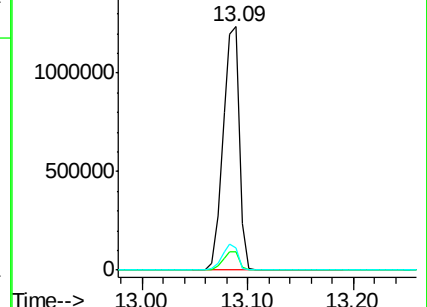
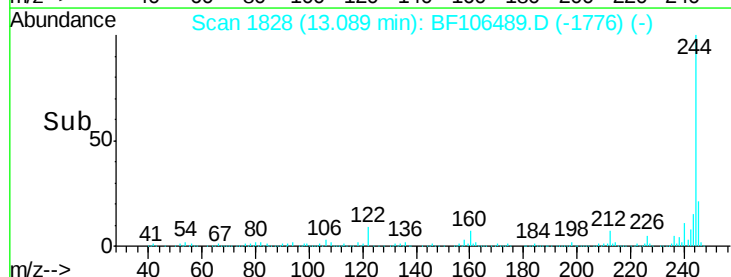
122 9.3 11.0 16.4#

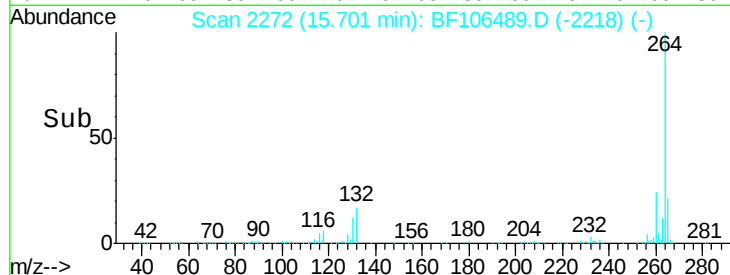
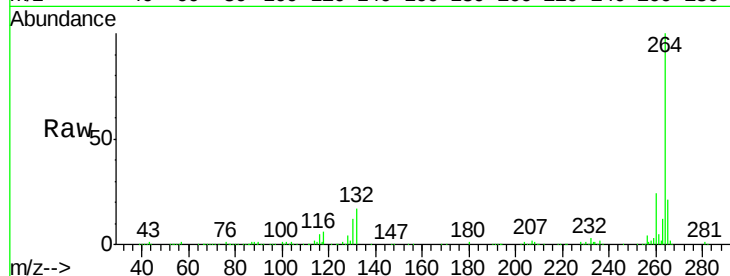
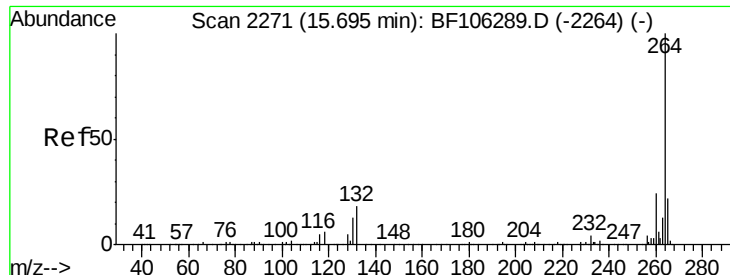


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.70 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF106489.D
Acq: 15 Jun 2018 14:08

Instrument :
BNA_F
ClientSampleId :
PB110238BL

Tgt Ion:	264	Resp:	285534
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.5	26.3

