

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106406.D
 Acq On : 13 Jun 2018 22:04
 Operator : JU/SJ
 Sample : J3465-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 02:22:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

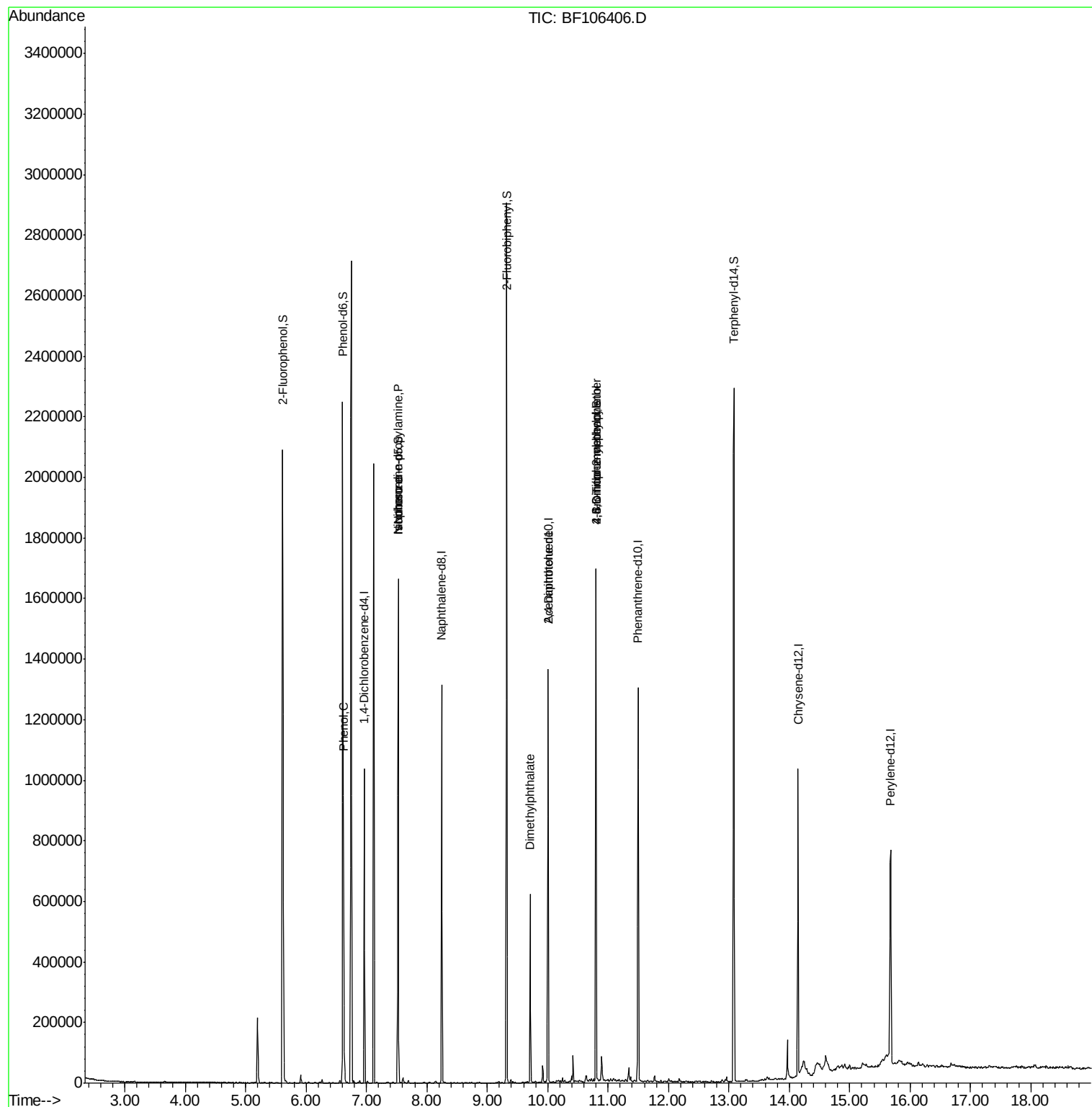
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	128891	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	508509	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	239351	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	440693	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	316250	20.00	ng	-0.02
86) Perylene-d12	15.68	264	340126	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	685515	90.02	ng	-0.01
7) Phenol-d6	6.61	99	858100	89.19	ng	-0.02
23) Nitrobenzene-d5	7.52	82	544004	62.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	217031	94.24	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	888563	59.47	ng	-0.01
78) Terphenyl-d14	13.08	244	783423	61.53	ng	0.00
Target Compounds						
10) Phenol	6.62	94	24979	2.378	ng	# 53
19) n-Nitroso-di-n-propylamine	7.52	70	73610	10.198	ng	# 76
25) Isophorone	7.52	82	543999	32.221	ng	# 64
49) Dimethylphthalate	9.71	163	208618	12.200	ng	100
56) 2,4-Dinitrotoluene	10.01	165	30697	6.998	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	344	6.421	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14551	2.903	ng	# 1

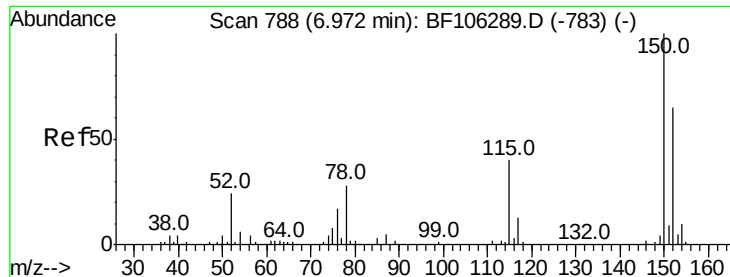
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106406.D
Acq On : 13 Jun 2018 22:04
Operator : JU/SJ
Sample : J3465-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 14 02:22:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration



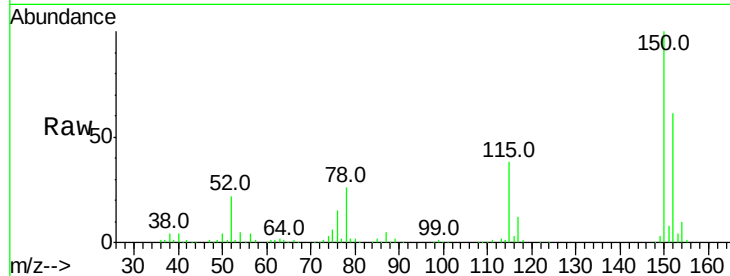


#1

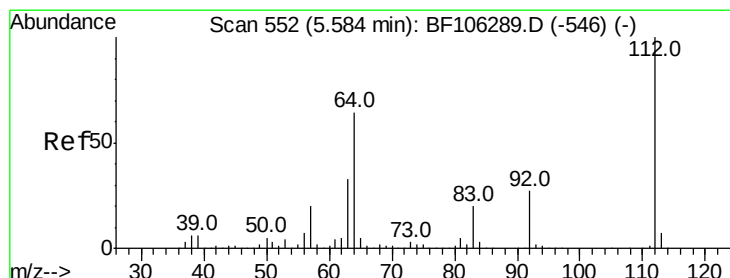
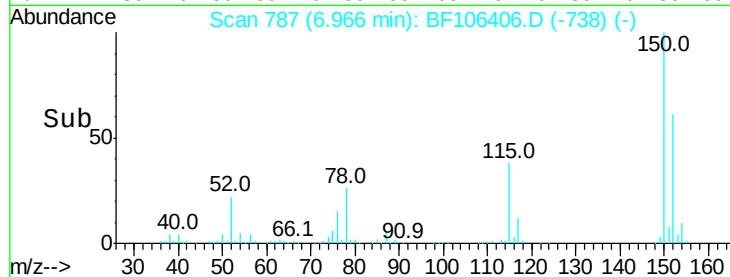
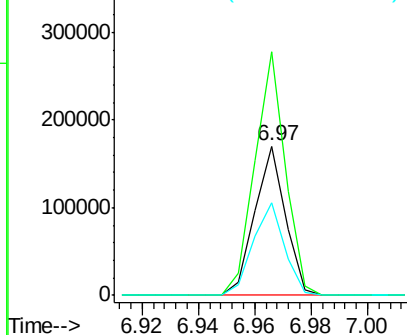
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106406.D
Acq: 13 Jun 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	124.6	186.8
115	62.0	50.1	75.1



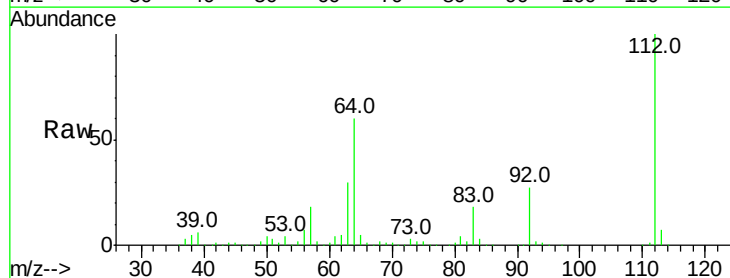
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



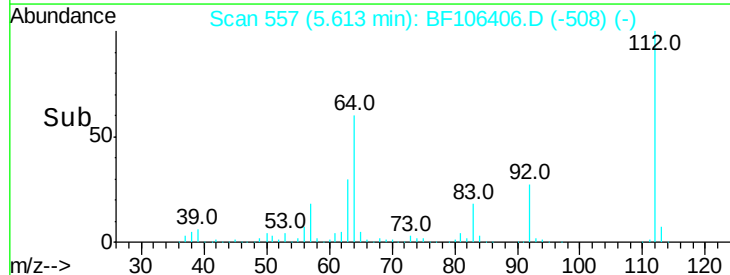
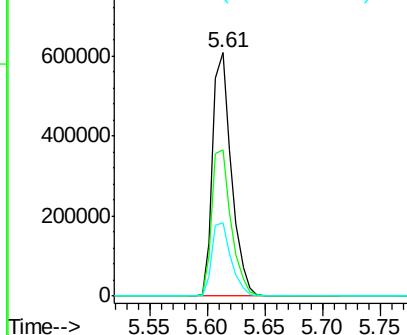
#5

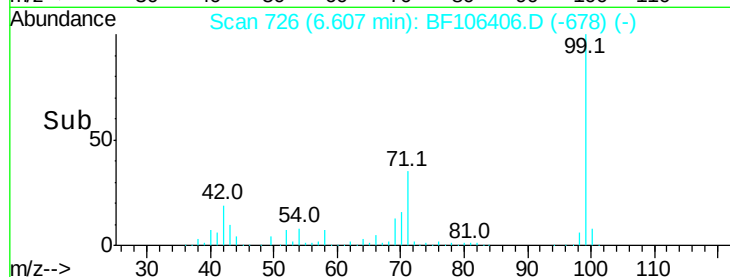
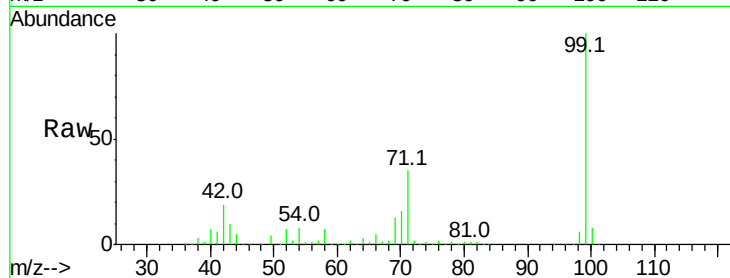
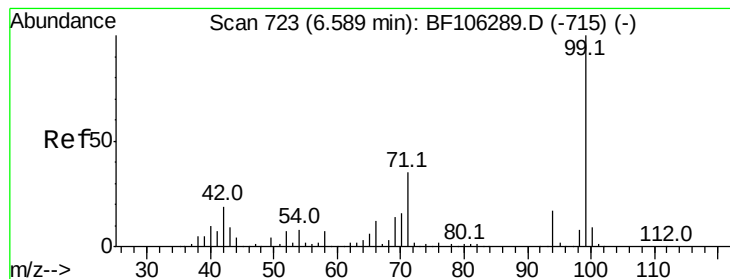
2-Fluorophenol
Concen: 90.017 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106406.D
Acq: 13 Jun 2018 22:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	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: 89.187 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF106406.D

Acq: 13 Jun 2018 22:04

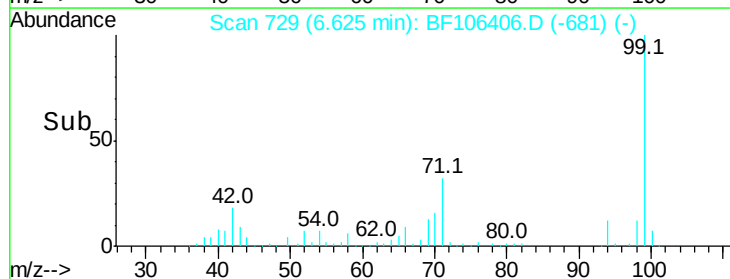
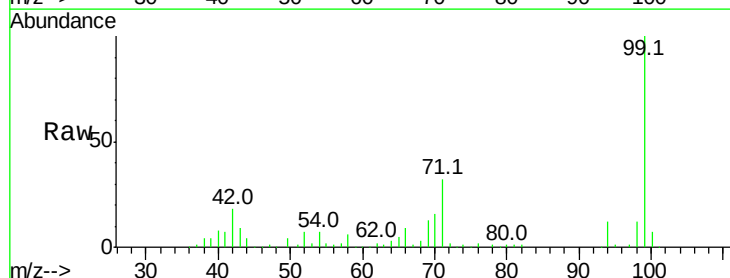
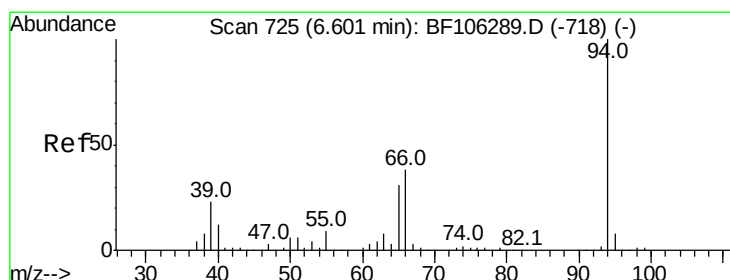
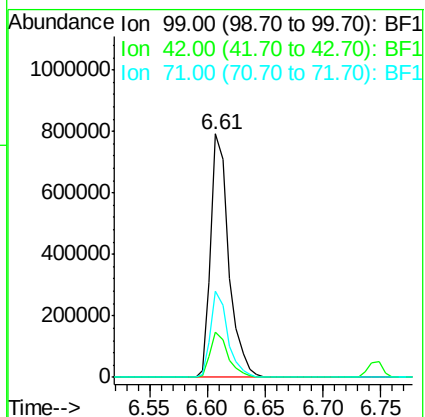
Tot Ion: 99 Resp: 858100

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 35.3 25.4 38.0



#10

Phenol

Concen: 2.378 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF106406.D

Acq: 13 Jun 2018 22:04

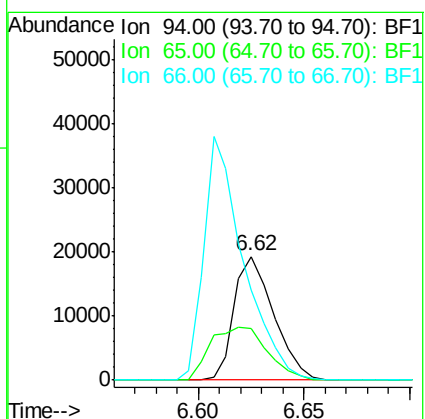
Tgt Ion: 94 Resp: 24979

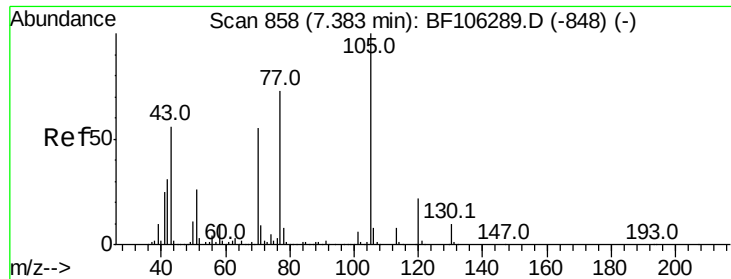
Ion Ratio Lower Upper

94 100

65 41.4 7.9 47.9

66 73.3 16.2 56.2#

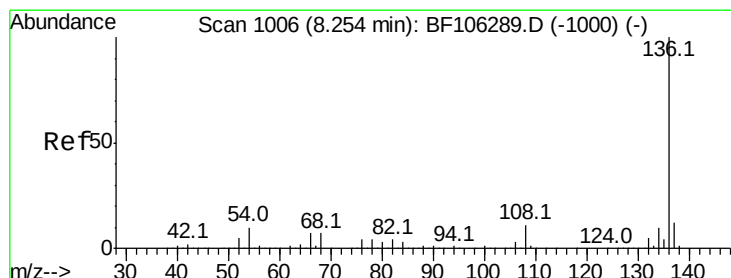
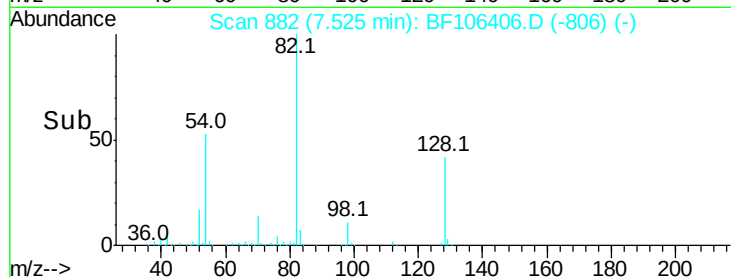
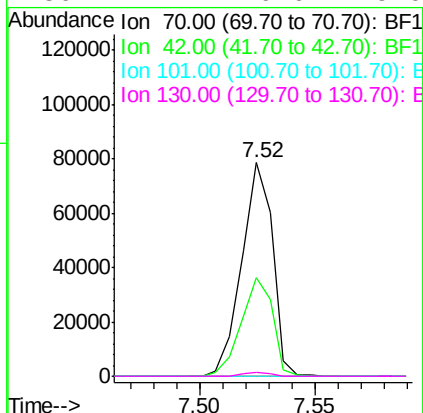
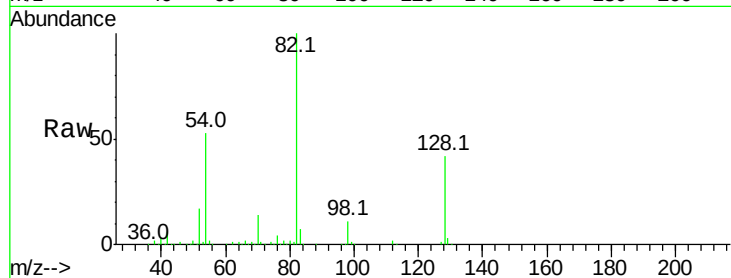




#19
n-Nitroso-di-n-propylamine
Concen: 10.198 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106406.D
Acq: 13 Jun 2018 22:04

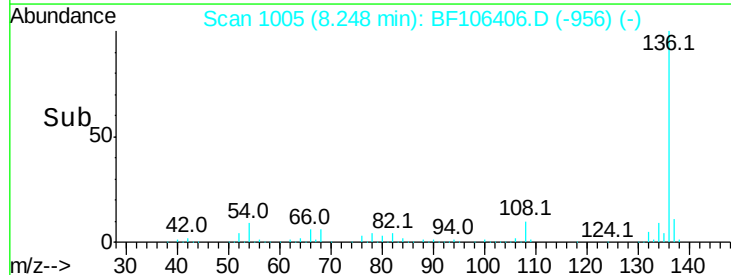
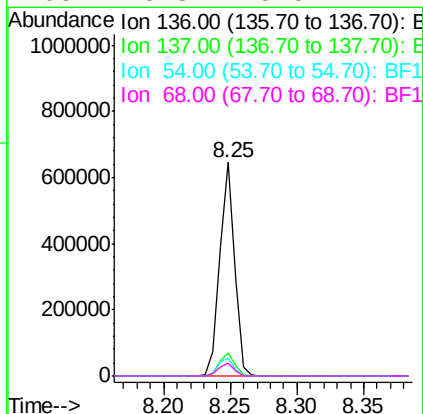
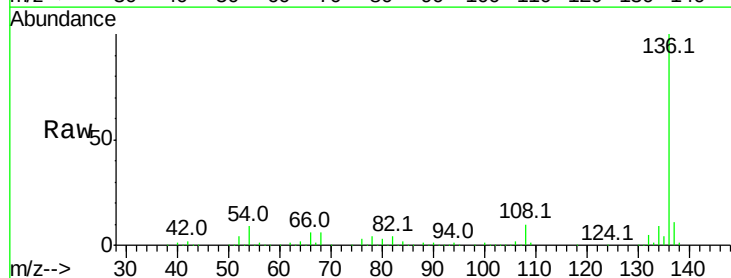
Instrument :
BNA_F
ClientSampled :

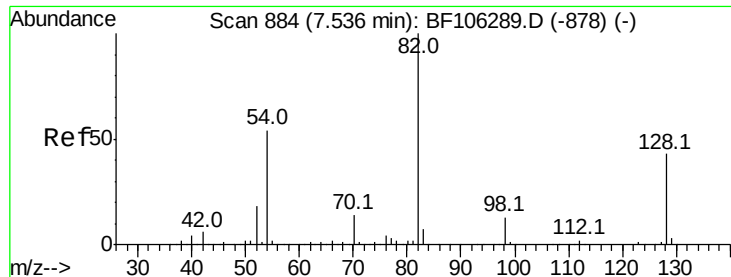
Tot Ion: 70 Resp: 73610
Ion Ratio Lower Upper
70 100
42 46.1 47.5 71.3#
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106406.D
Acq: 13 Jun 2018 22:04

Tgt Ion:136 Resp: 508509
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.6 6.6 9.8
68 6.3 5.0 7.4

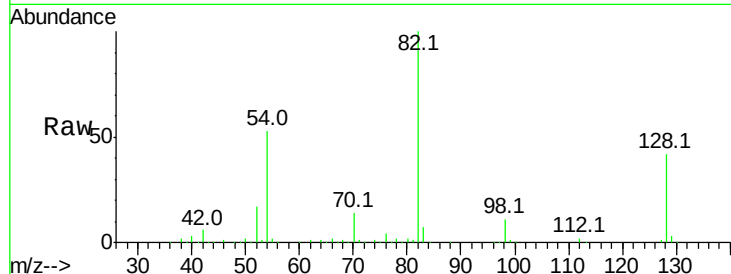




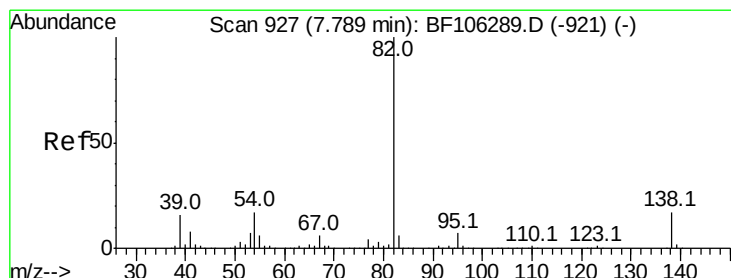
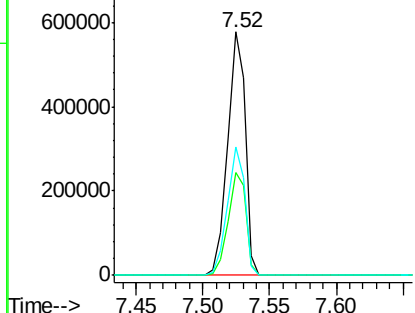
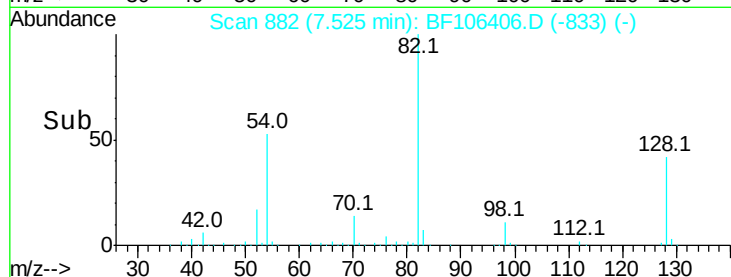
#23
Nitrobenzene-d5
Concen: 62.935 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106406.D
Acq: 13 Jun 2018 22:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	544004
Ion Ratio	Lower	Upper	
82	100		
128	42.0	36.1	54.1
54	52.8	41.4	62.2

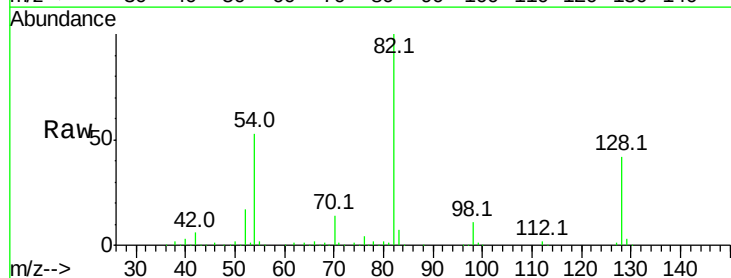


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

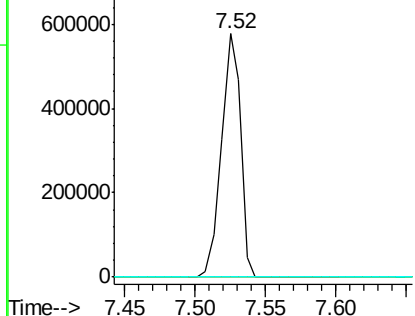
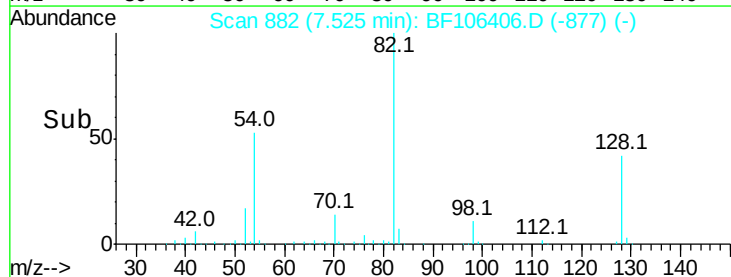


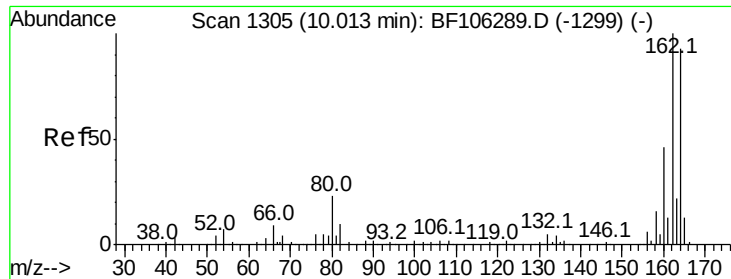
#25
Isophorone
Concen: 32.221 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF106406.D
Acq: 13 Jun 2018 22:04

Tgt Ion	82	Resp	543999
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

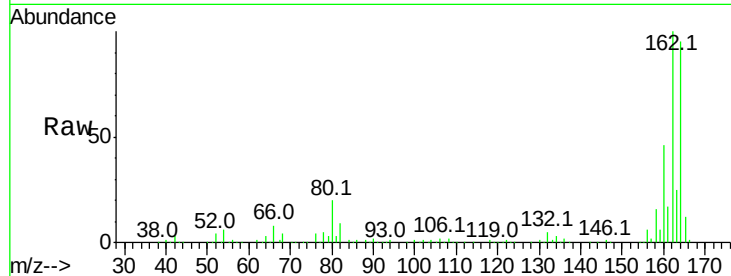




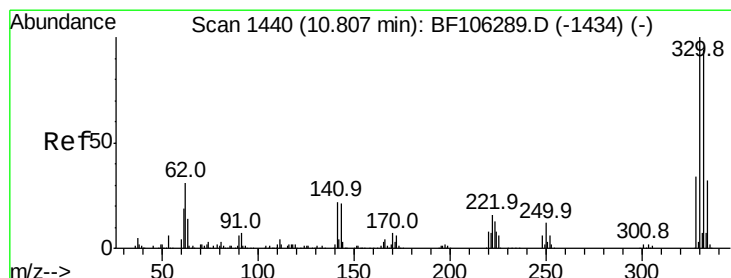
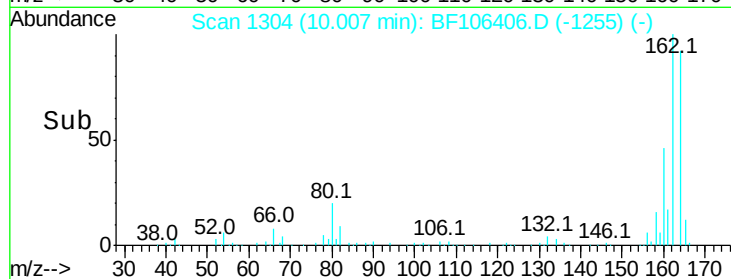
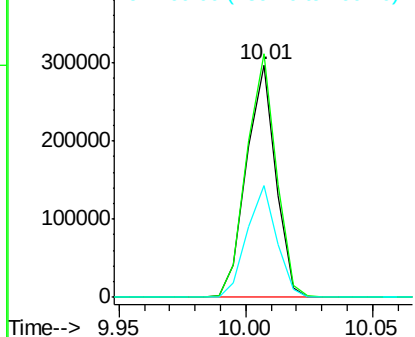
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF106406.D
 Acq: 13 Jun 2018 22:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 239351
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 48.2 38.3 57.5

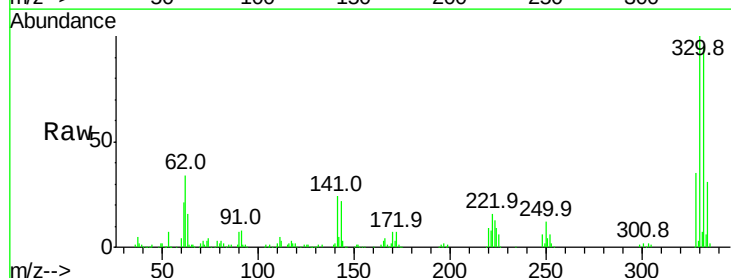


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

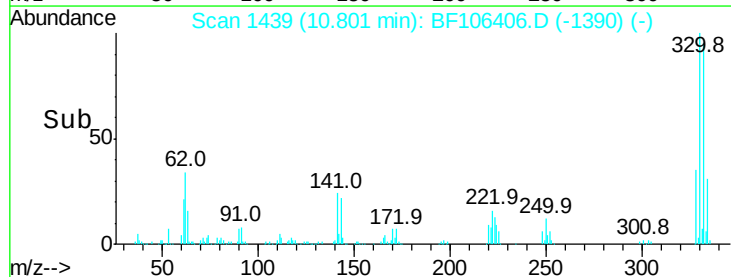
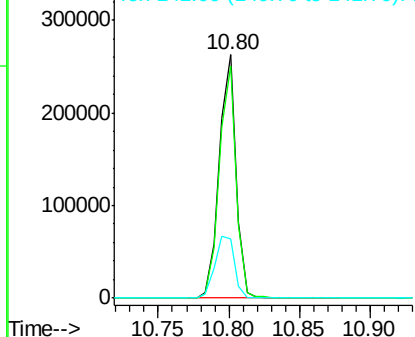


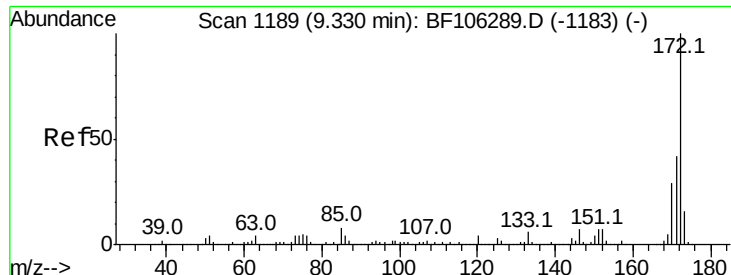
#41
 2,4,6-Tribromophenol
 Concen: 94.240 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106406.D
 Acq: 13 Jun 2018 22:04

Tgt Ion:330 Resp: 217031
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 29.8 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

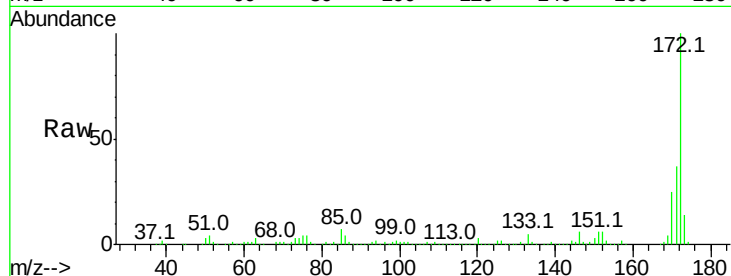




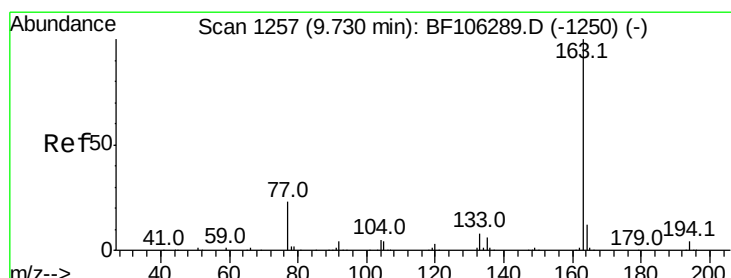
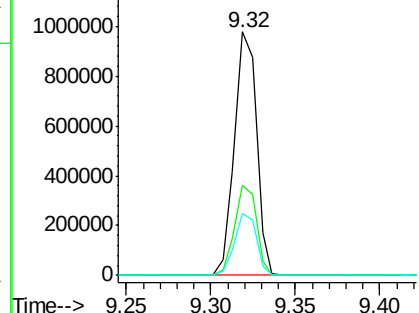
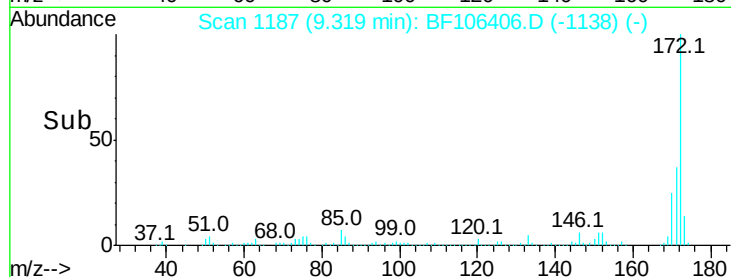
#44
2-Fluorobiphenyl
Concen: 59.474 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106406.D
Acq: 13 Jun 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 888563
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 25.1 19.6 29.4

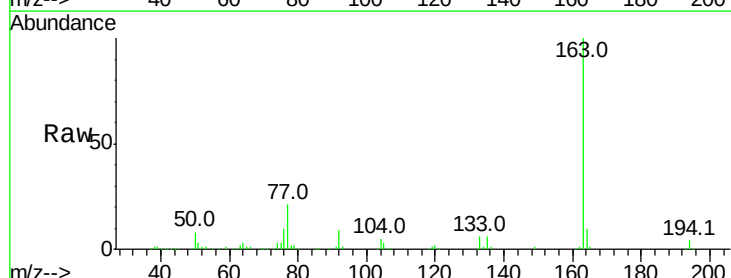


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

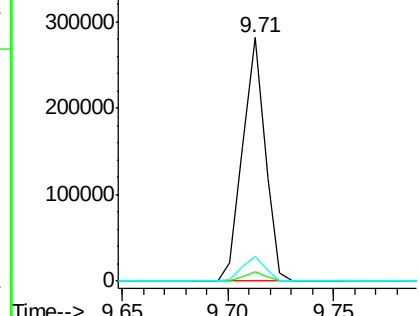
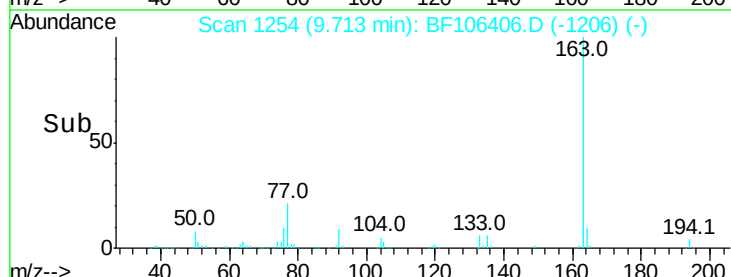


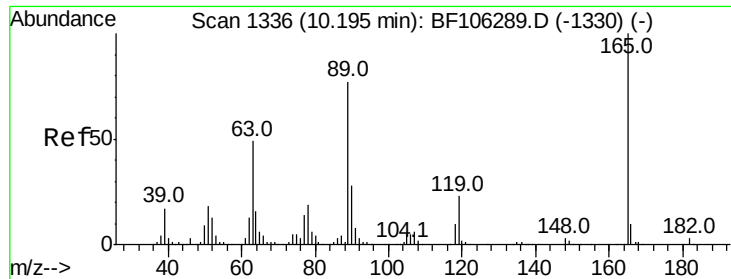
#49
Dimethylphthalate
Concen: 12.200 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106406.D
Acq: 13 Jun 2018 22:04

Tgt Ion:163 Resp: 208618
Ion Ratio Lower Upper
163 100
194 3.7 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: 6.998 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.19 min

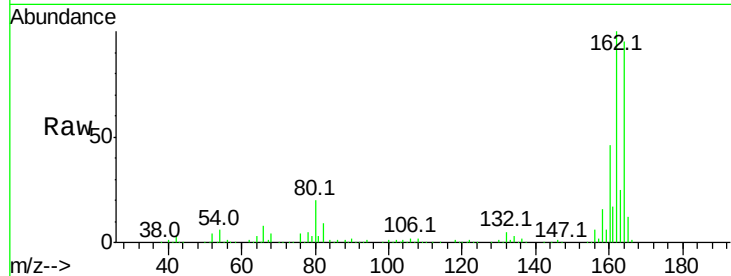
Lab File: BF106406.D

Acq: 13 Jun 2018 22:04

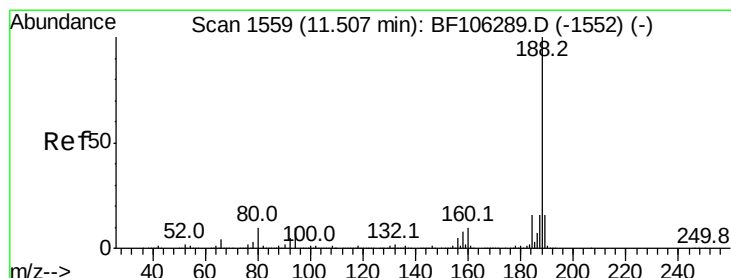
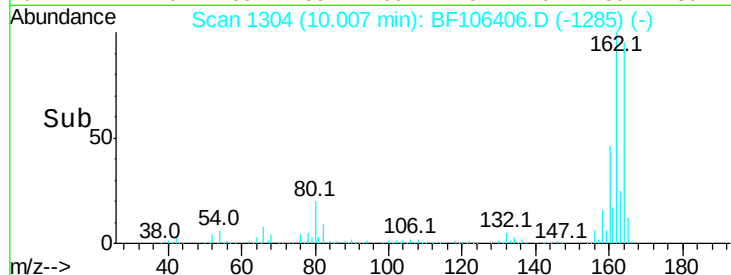
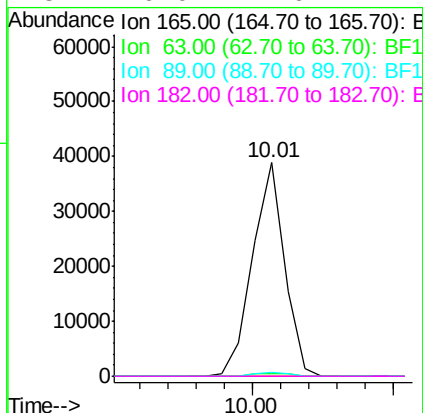
Instrument :

BNA_F

ClientSampleId :



Tot Ion:	165	Resp:	30697
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#



#63

Phenanthrene-d10

Concen: 20.000 ng

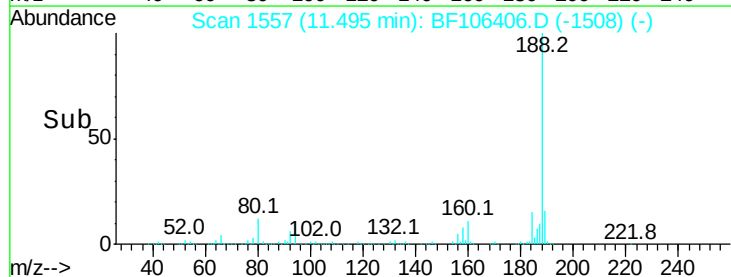
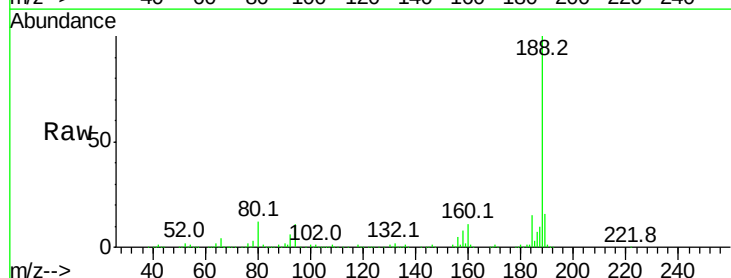
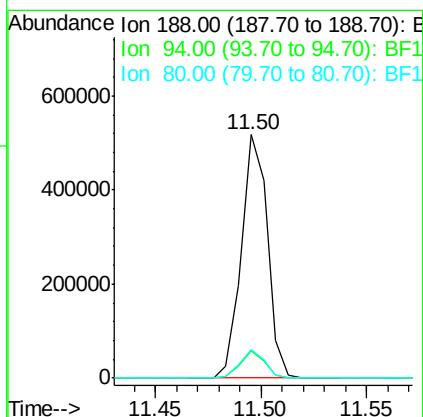
RT: 11.50 min Scan# 1557

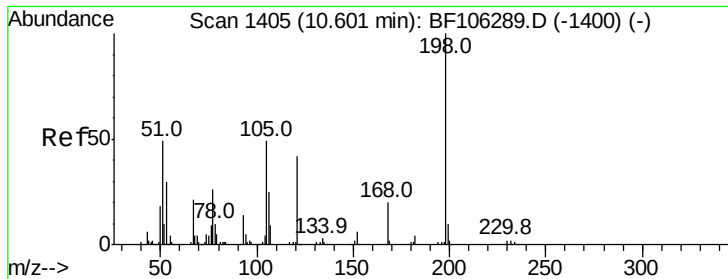
Delta R.T. -0.01 min

Lab File: BF106406.D

Acq: 13 Jun 2018 22:04

Tgt Ion:	188	Resp:	440693
Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	11.9	9.2	13.8

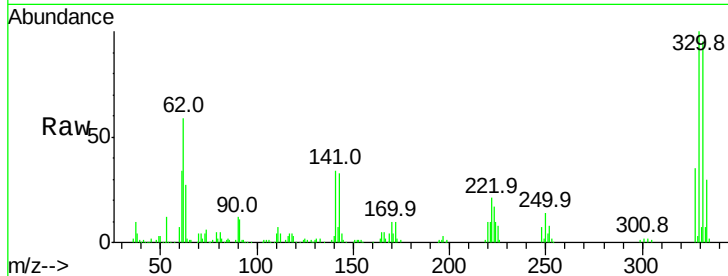




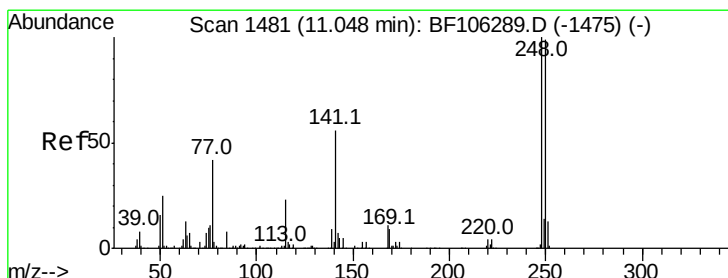
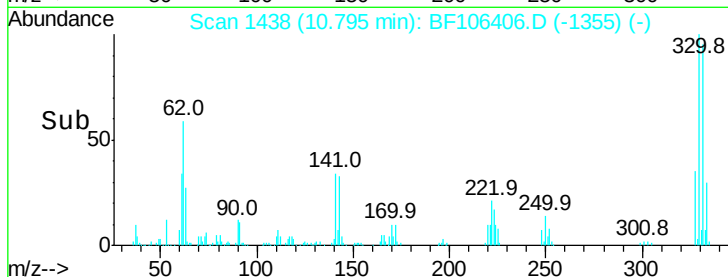
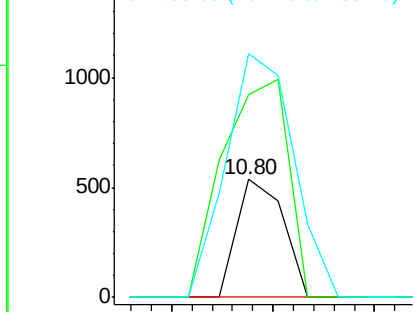
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.421 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF106406.D
 Acq: 13 Jun 2018 22:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 344
 Ion Ratio Lower Upper
 198 100
 51 172.2 37.7 77.7#
 105 206.7 36.3 76.3#

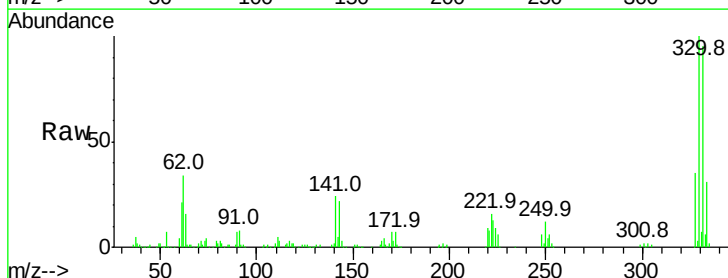


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

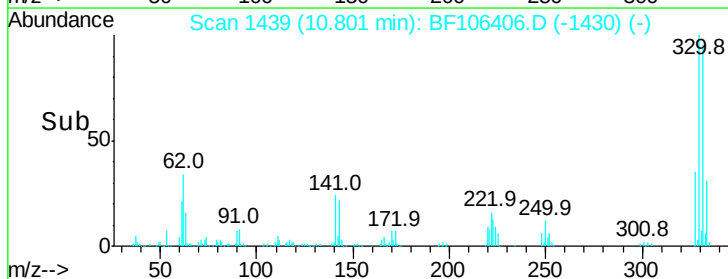
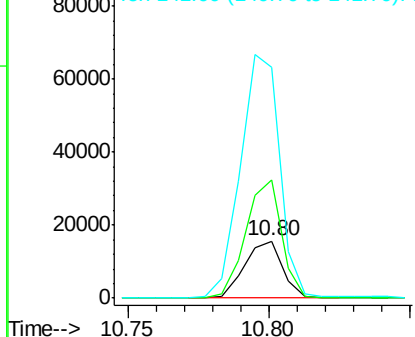


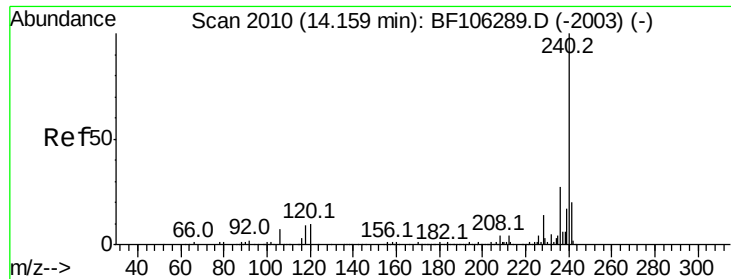
#66
 4-Bromophenyl-phenylether
 Concen: 2.903 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF106406.D
 Acq: 13 Jun 2018 22:04

Tgt Ion:248 Resp: 14551
 Ion Ratio Lower Upper
 248 100
 250 208.0 76.9 115.3#
 141 408.1 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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106406.D

Acq: 13 Jun 2018 22:04

Instrument :

BNA_F

ClientSampled :

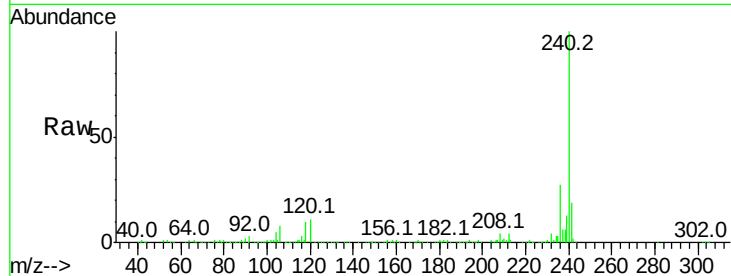
Tot Ion:240 Resp: 316250

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

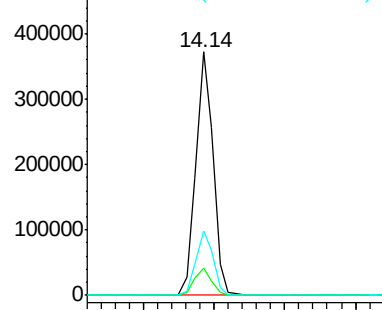
236 26.6 20.7 31.1



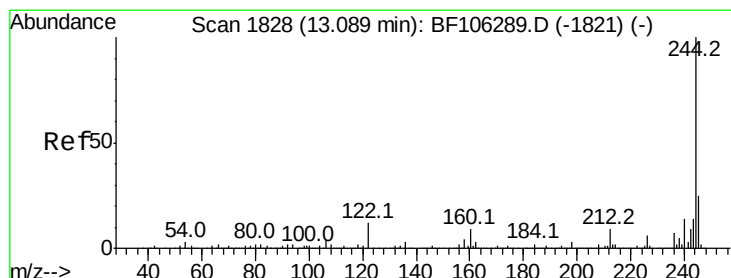
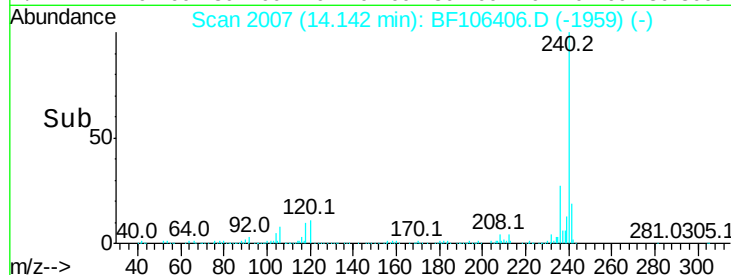
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 61.529 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106406.D

Acq: 13 Jun 2018 22:04

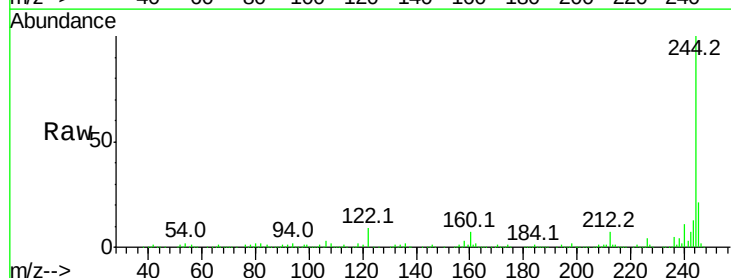
Tgt Ion:244 Resp: 783423

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

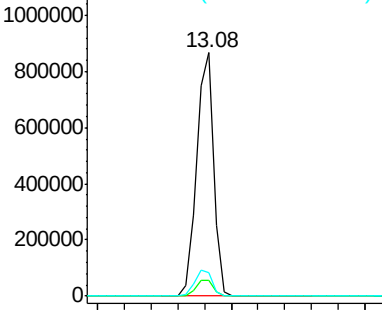
122 9.4 11.0 16.4



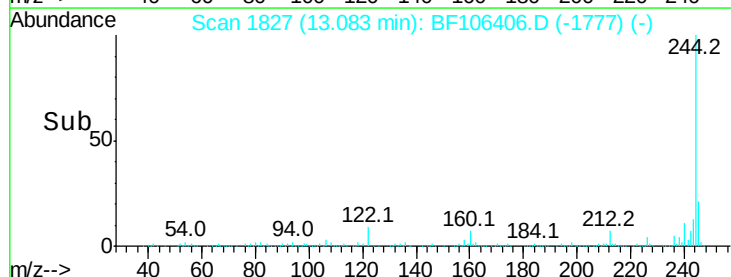
Abundance Ion 244.00 (243.70 to 244.70): E

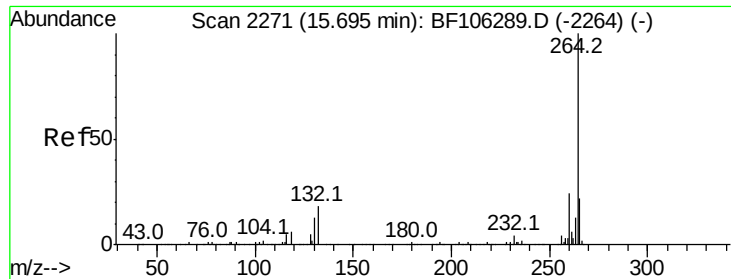
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

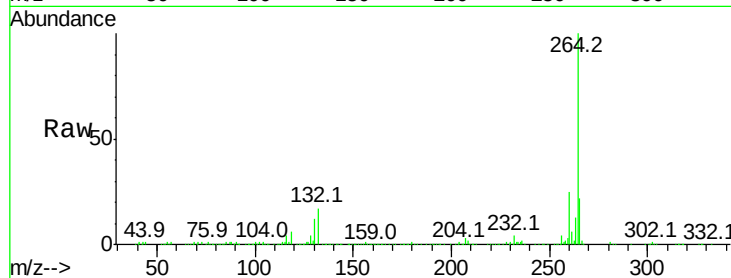




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106406.D
Acq: 13 Jun 2018 22:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.7	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

