

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106445.D
 Acq On : 14 Jun 2018 16:37
 Operator : JU/SJ
 Sample : J3501-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 18:42:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	134018	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	494156	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	226953	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	375570	20.00	ng	0.00
75) Chrysene-d12	14.15	240	311866	20.00	ng	0.00
86) Perylene-d12	15.70	264	312983	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	949506	119.91	ng	0.00
7) Phenol-d6	6.61	99	1132706	113.22	ng	0.00
23) Nitrobenzene-d5	7.53	82	799445	95.17	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	313611	143.62	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1240565	103.96	ng	0.00
78) Terphenyl-d14	13.08	244	1050941	83.70	ng	0.00

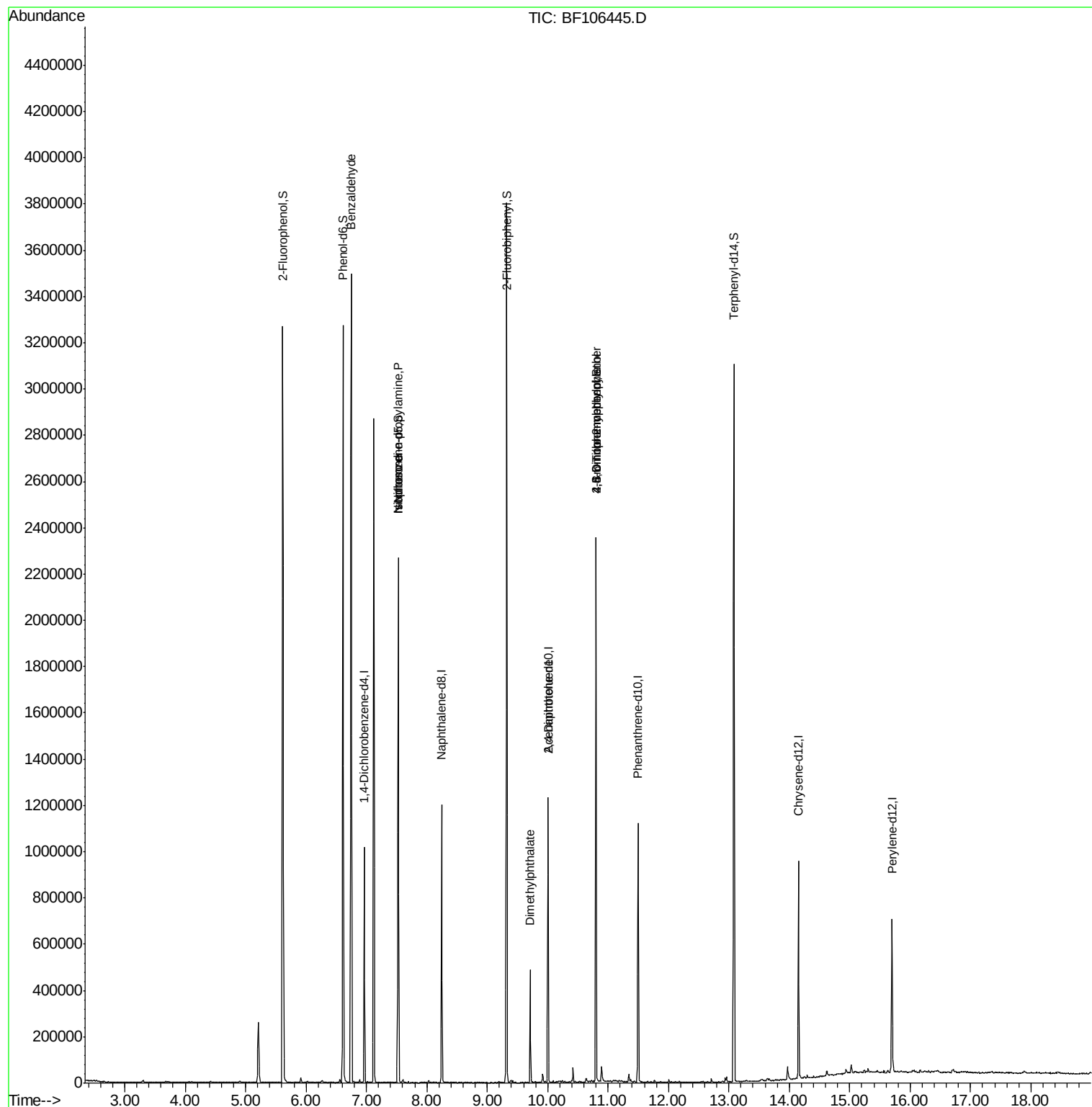
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	21599	2.846	ng	83
19) n-Nitroso-di-n-propylamine	7.53	70	108411	14.444	ng	# 75
25) Isophorone	7.53	82	799429	48.725	ng	# 64
49) Dimethylphthalate	9.71	163	173080	10.674	ng	99
56) 2,4-Dinitrotoluene	10.01	165	27917	6.712	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	725	6.606	ng	# 17
66) 4-Bromophenyl-phenylether	10.80	248	19396	4.541	ng	# 1

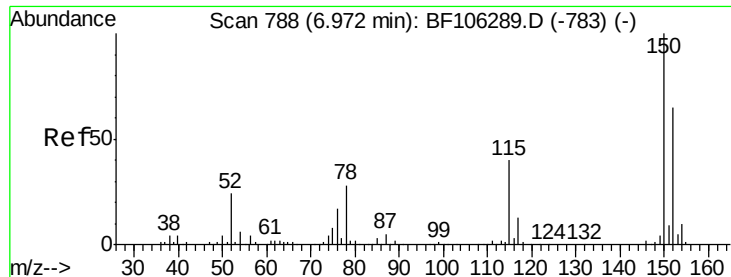
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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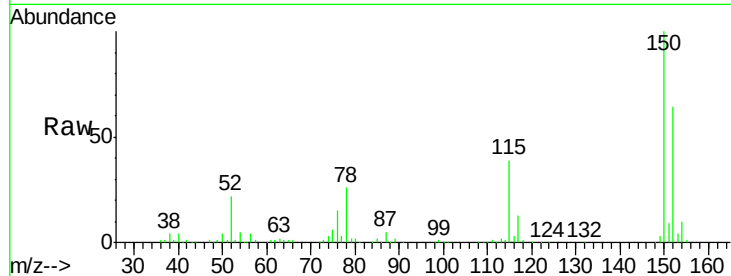


#1

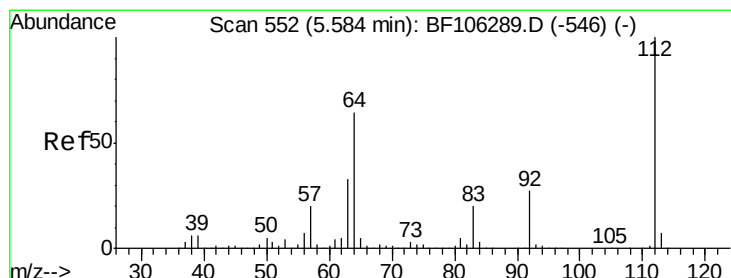
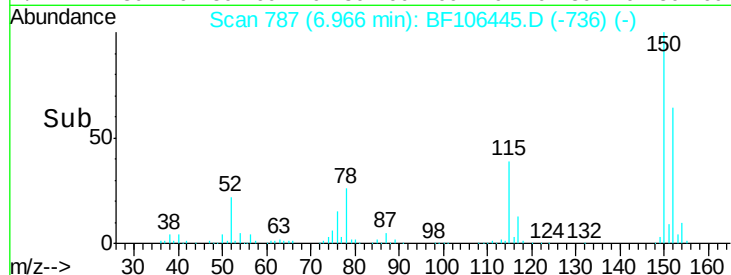
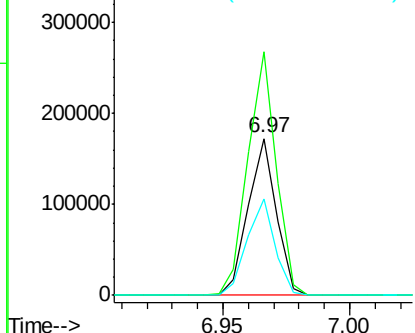
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134018
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 61.1 50.1 75.1



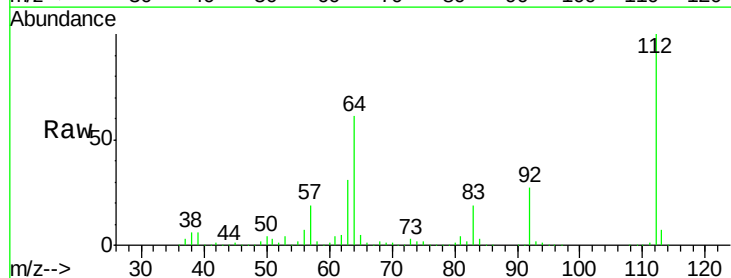
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



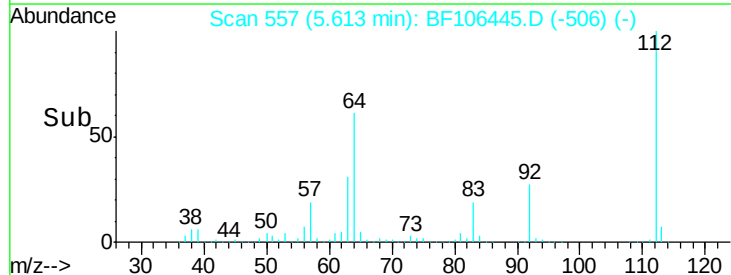
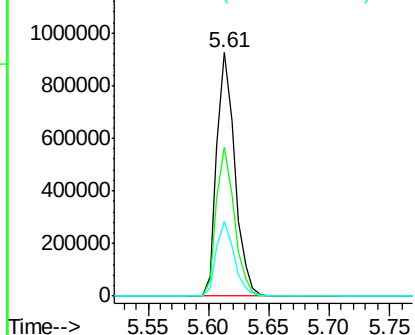
#5

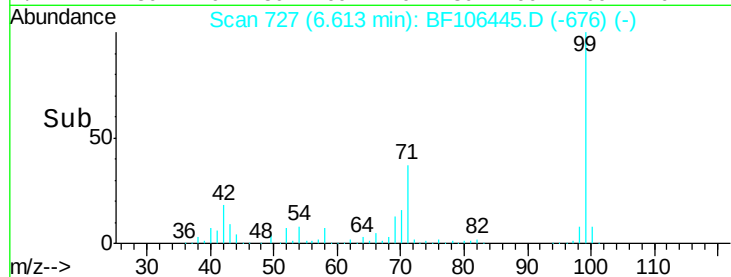
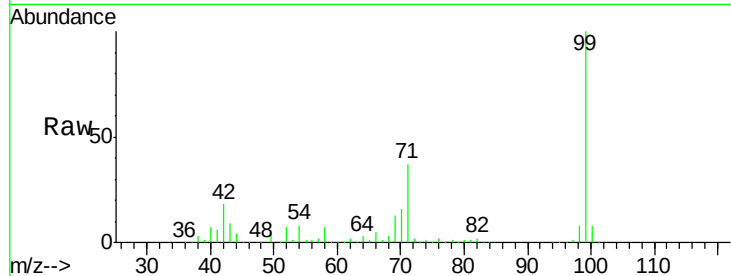
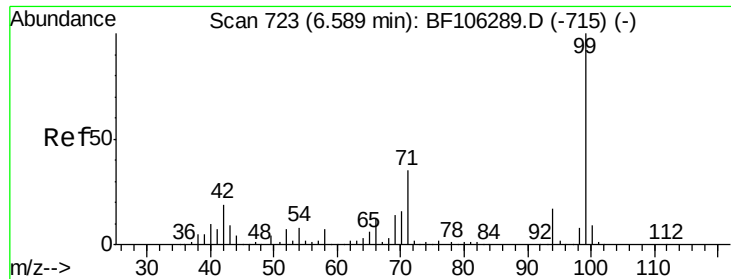
2-Fluorophenol
Concen: 119.912 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Tgt Ion:112 Resp: 949506
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 30.7 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: 113.224 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106445.D

Acq: 14 Jun 2018 16:37

Instrument :

BNA_F

ClientSampleId :

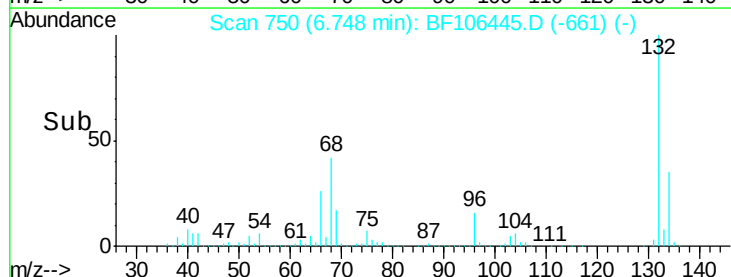
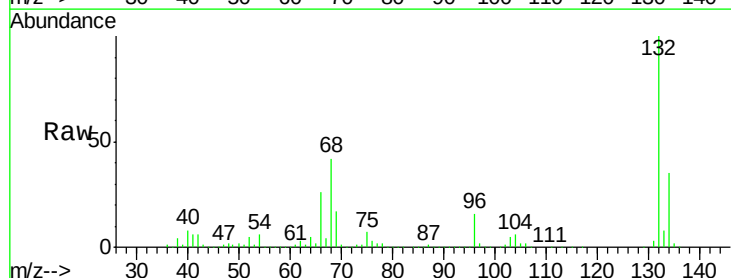
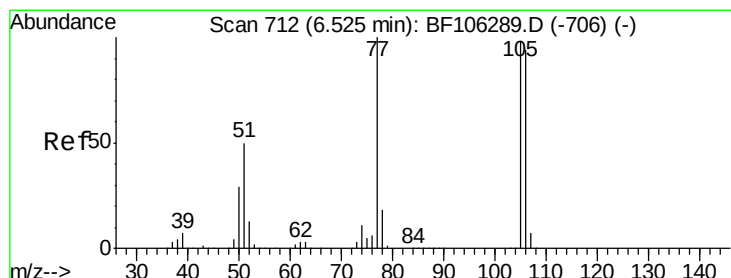
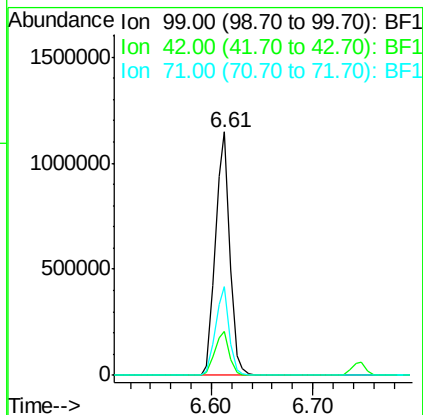
Tot Ion: 99 Resp: 1132706

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 36.7 25.4 38.0



#9

Benzaldehyde

Concen: 2.846 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106445.D

Acq: 14 Jun 2018 16:37

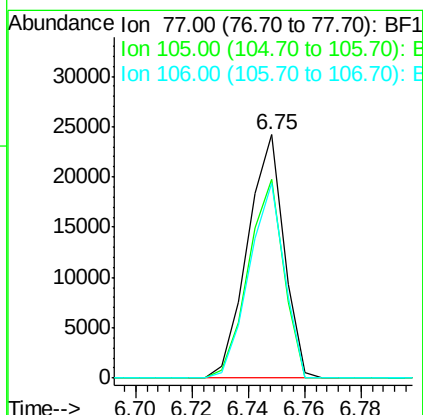
Tgt Ion: 77 Resp: 21599

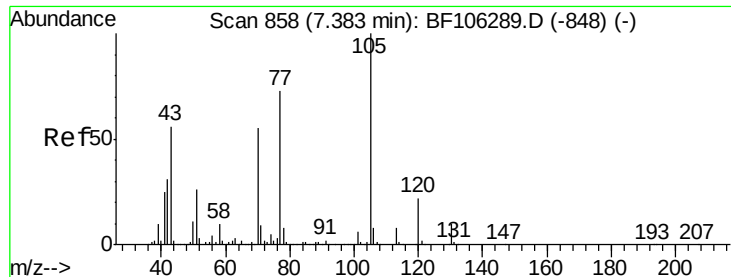
Ion Ratio Lower Upper

77 100

105 81.5 81.1 121.1

106 80.3 74.5 114.5

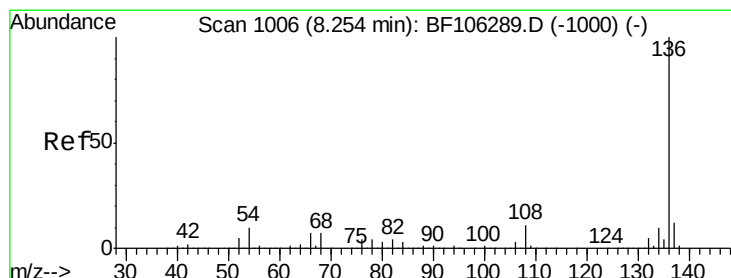
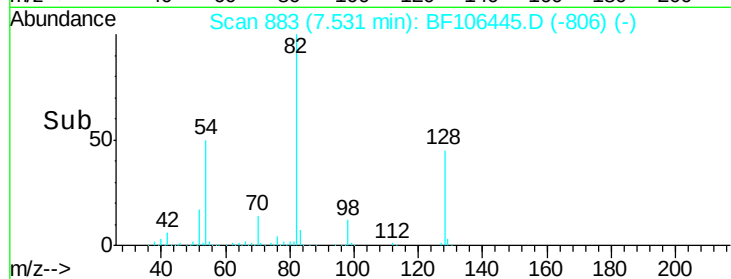
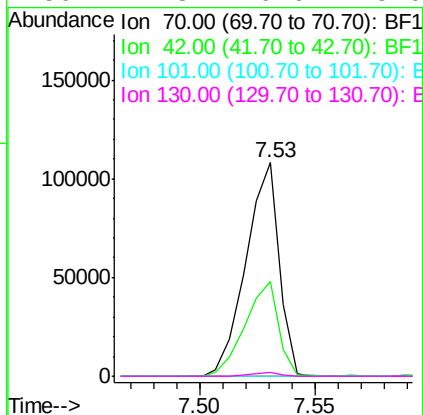
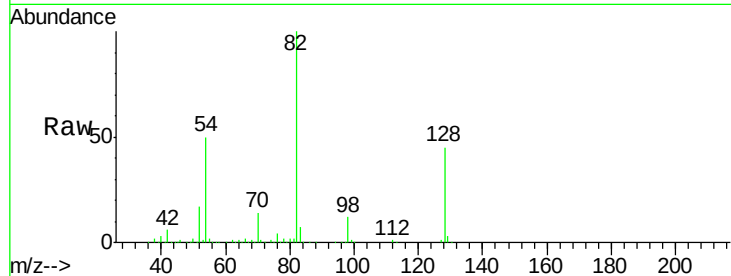




#19
n-Nitroso-di-n-propylamine
Concen: 14.444 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

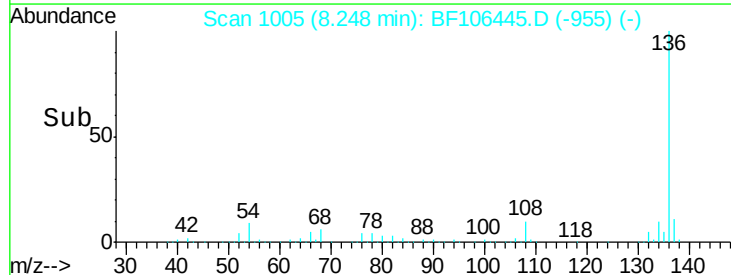
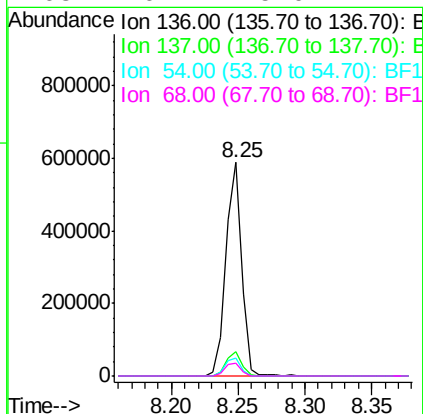
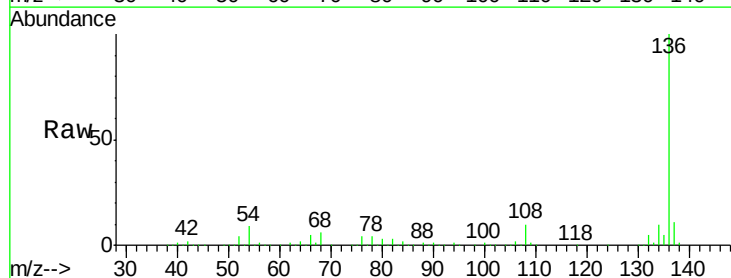
Instrument :
BNA_F
ClientSampleId :

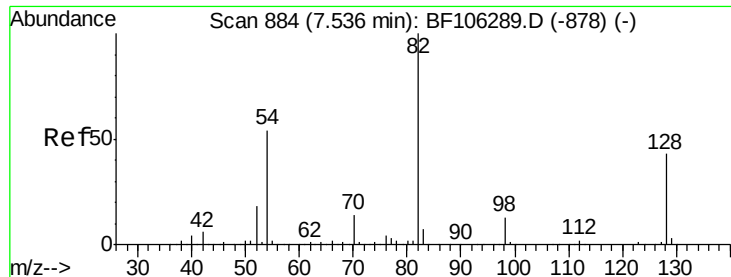
Tot Ion: 70 Resp: 108411
Ion Ratio Lower Upper
70 100
42 44.3 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Tgt Ion:136 Resp: 494156
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.6 6.6 9.8
68 6.2 5.0 7.4

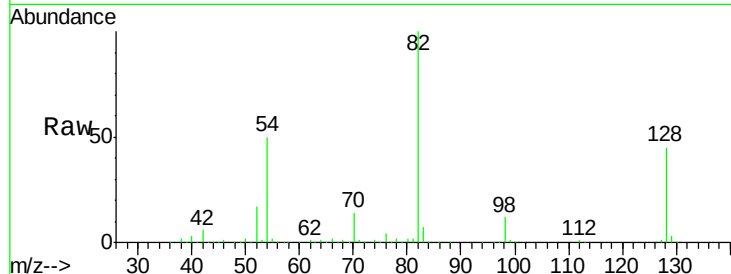




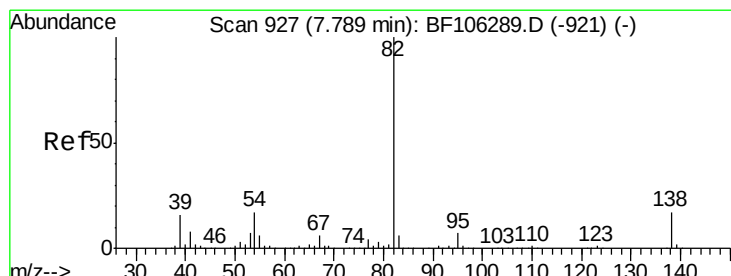
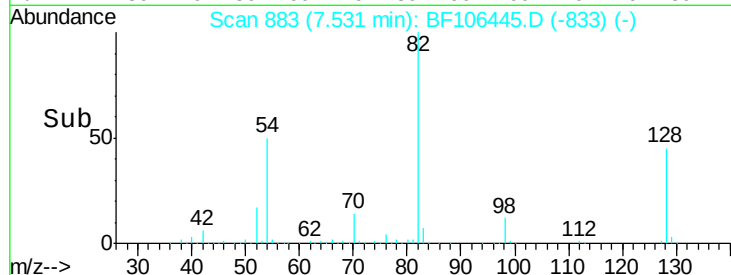
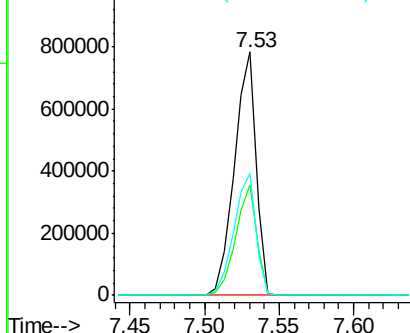
#23
 Nitrobenzene-d5
 Concen: 95.173 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF106445.D
 Acq: 14 Jun 2018 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	799445
Ion Ratio	100	Lower	Upper
128	45.1	36.1	54.1
54	50.3	41.4	62.2

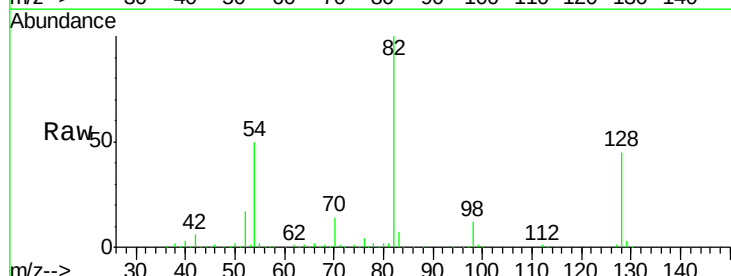


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

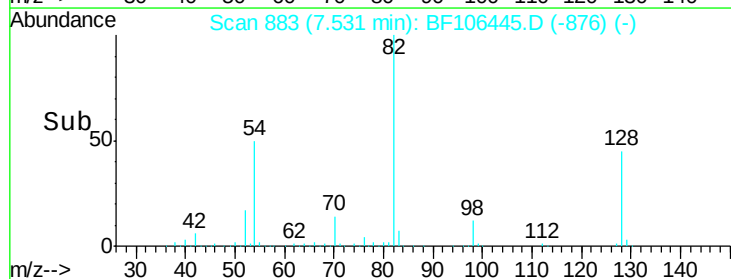
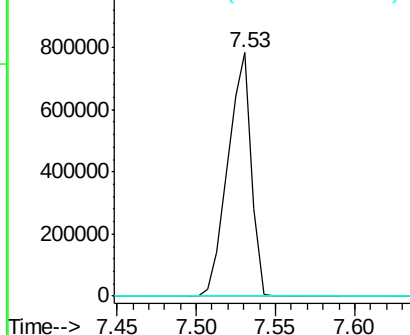


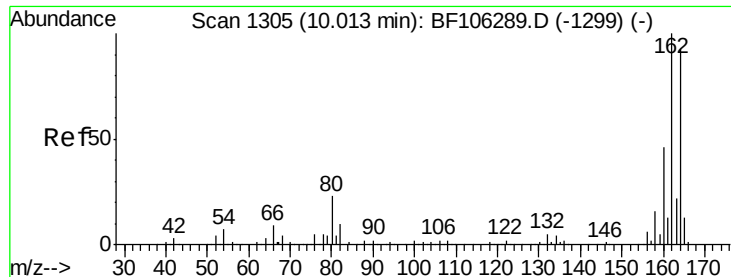
#25
 Isophorone
 Concen: 48.725 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF106445.D
 Acq: 14 Jun 2018 16:37

Tgt Ion	82	Resp	799429
Ion Ratio	100	Lower	Upper
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: BF106445.D

Acq: 14 Jun 2018 16:37

Instrument :

BNA_F

ClientSampleId :

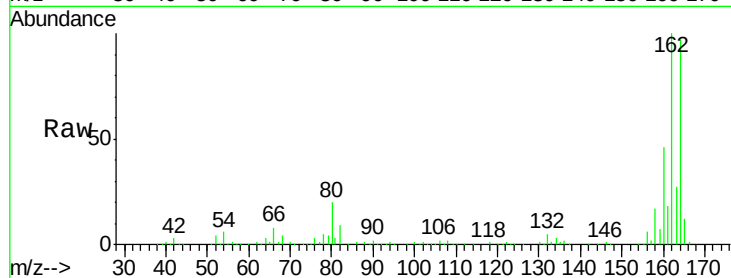
Tot Ion:164 Resp: 226953

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

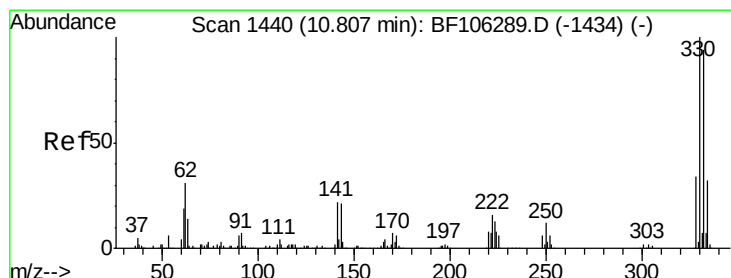
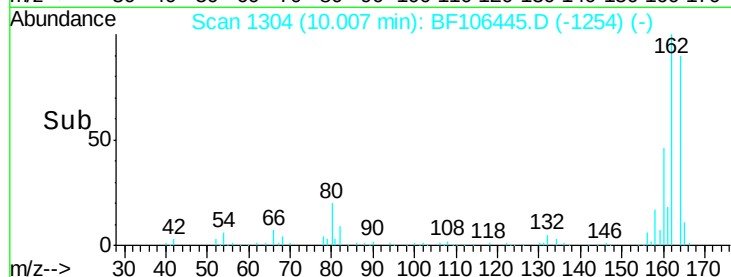
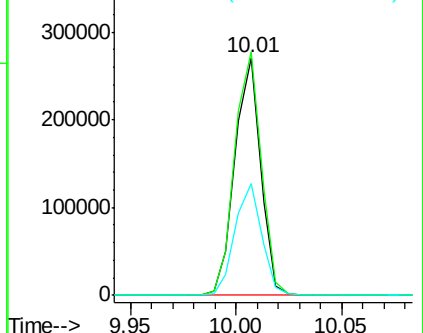
160 47.4 38.3 57.5



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: 143.616 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106445.D

Acq: 14 Jun 2018 16:37

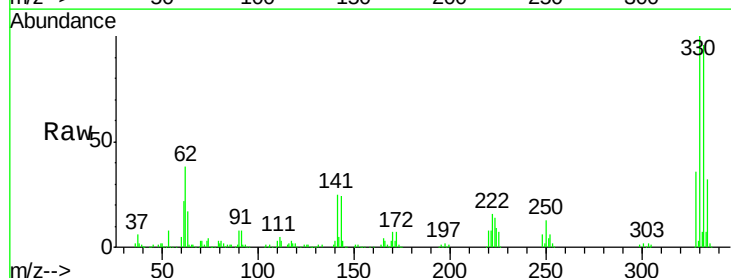
Tgt Ion:330 Resp: 313611

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

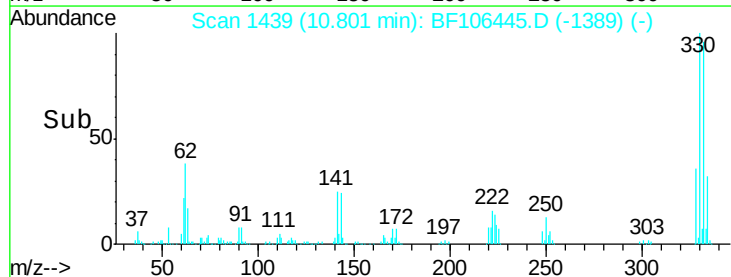
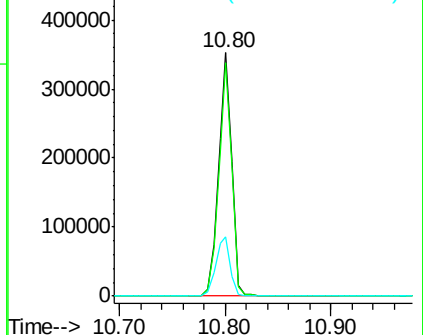
141 26.8 29.9 44.9#

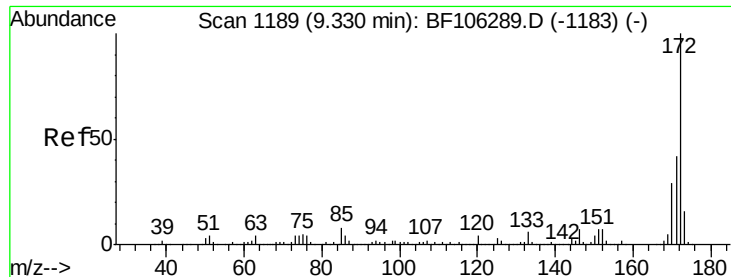


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

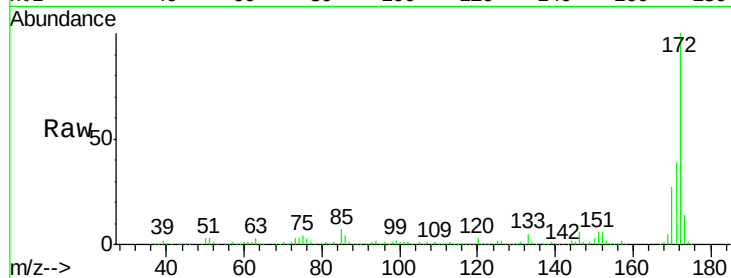




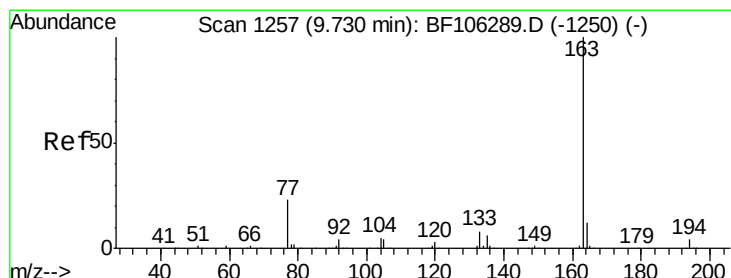
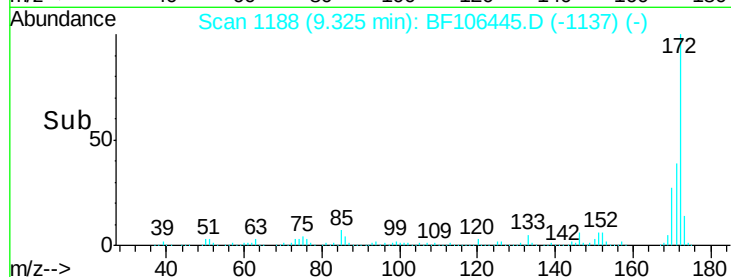
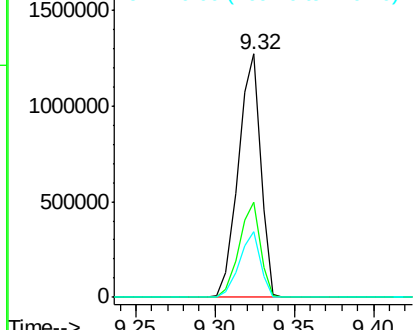
#44
2-Fluorobiphenyl
Concen: 103.957 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1240565
Ion Ratio Lower Upper
172 100
171 39.0 29.7 44.5
170 26.9 19.6 29.4

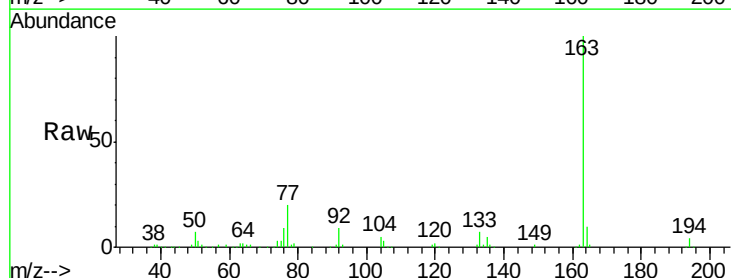


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

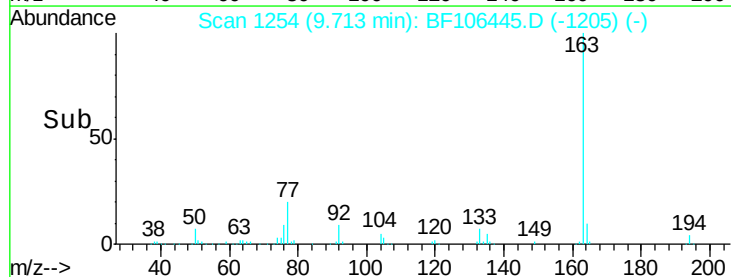
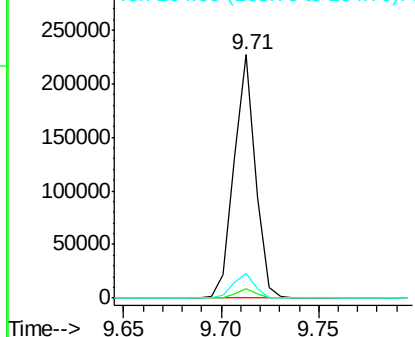


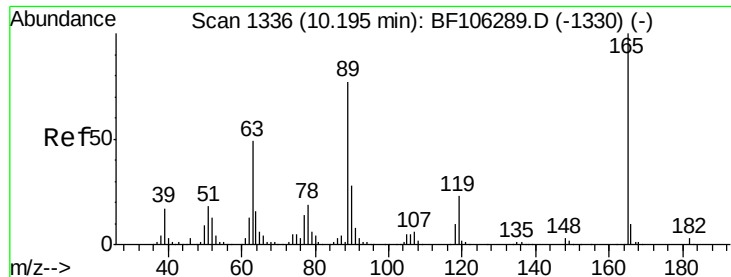
#49
Dimethylphthalate
Concen: 10.674 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Tgt Ion:163 Resp: 173080
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 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

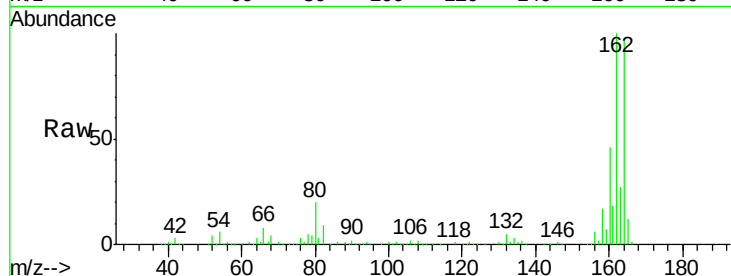




#56
2,4-Dinitrotoluene
Concen: 6.712 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

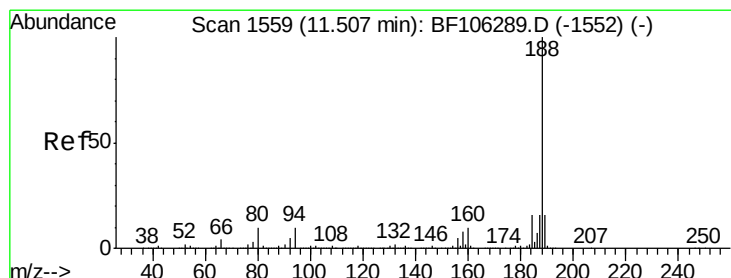
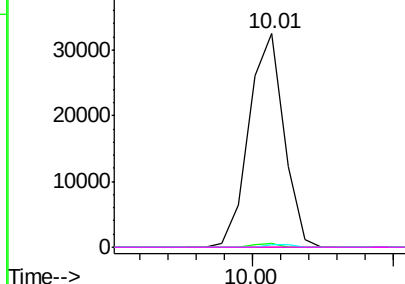
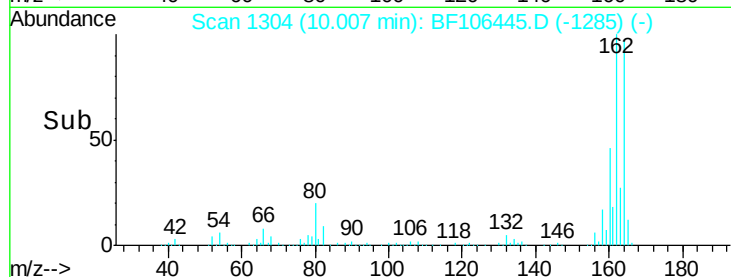


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

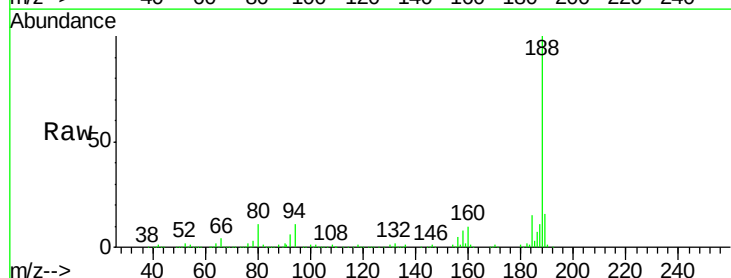
Ion 89.00 (88.70 to 89.70): BF1

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: BF106445.D
Acq: 14 Jun 2018 16:37

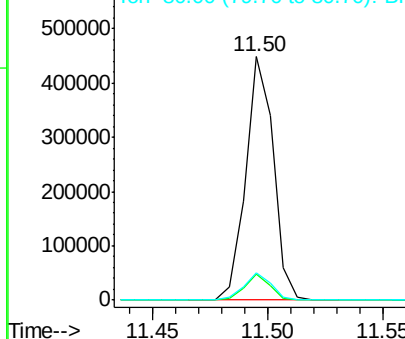
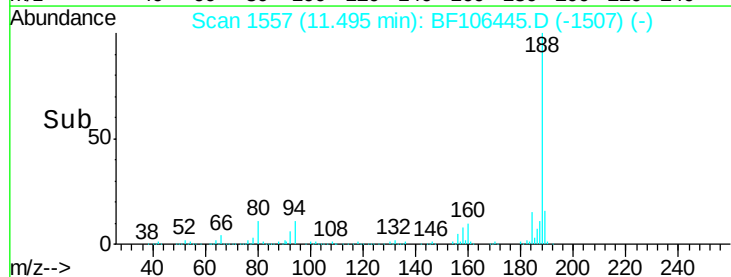
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.3	9.2	13.8

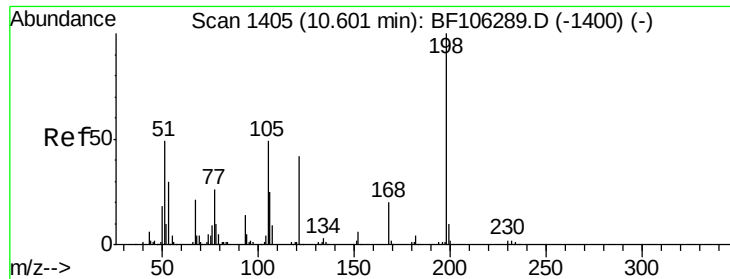


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

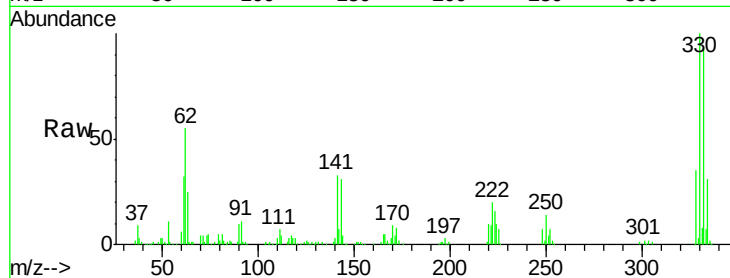




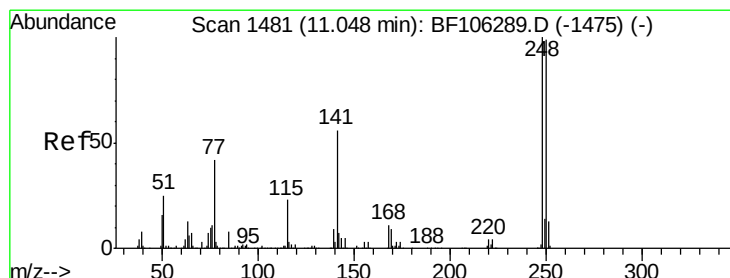
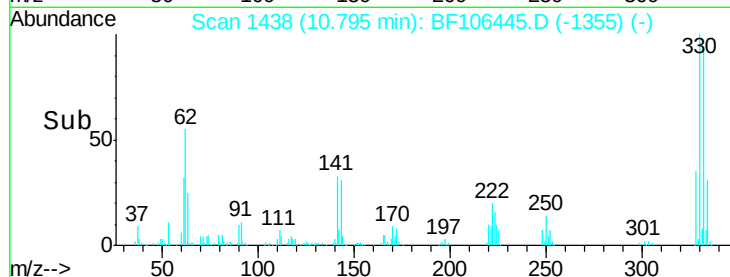
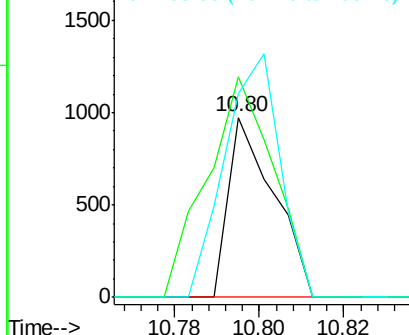
#64
4,6-Dinitro-2-methylphenol
Concen: 6.606 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 725
Ion Ratio Lower Upper
198 100
51 122.7 37.7 77.7#
105 113.4 36.3 76.3#

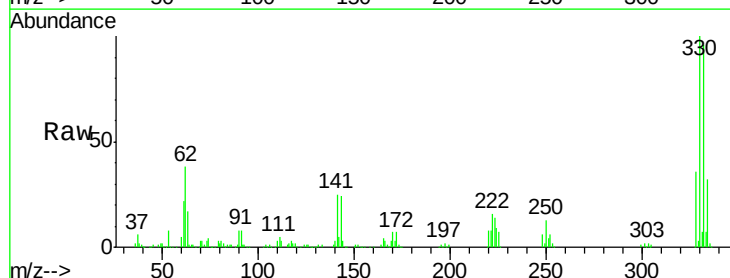


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

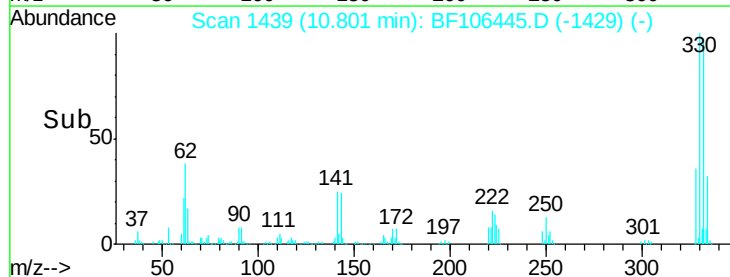
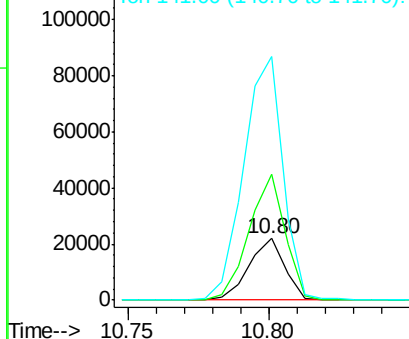


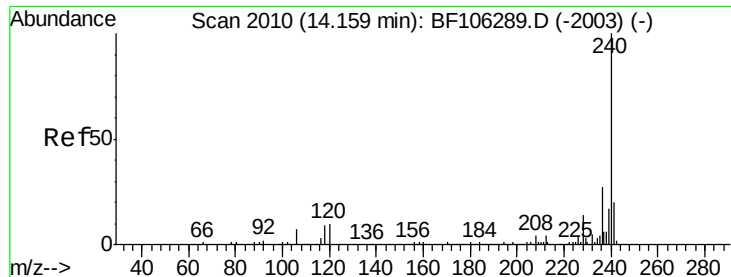
#66
4-Bromophenyl-phenylether
Concen: 4.541 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Tgt Ion:248 Resp: 19396
Ion Ratio Lower Upper
248 100
250 205.2 76.9 115.3#
141 395.4 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. -0.01 min

Lab File: BF106445.D

Acq: 14 Jun 2018 16:37

Instrument :

BNA_F

ClientSampleId :

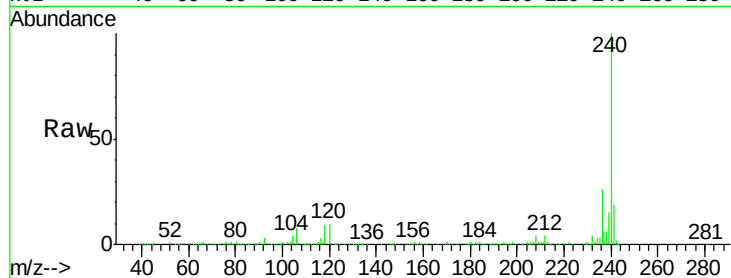
Tot Ion:240 Resp: 311866

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

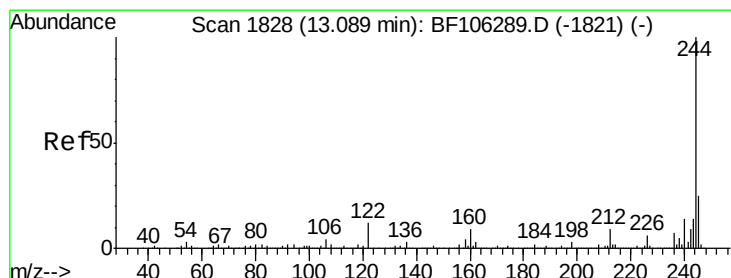
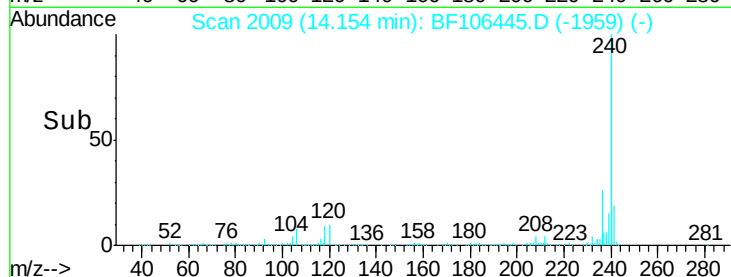
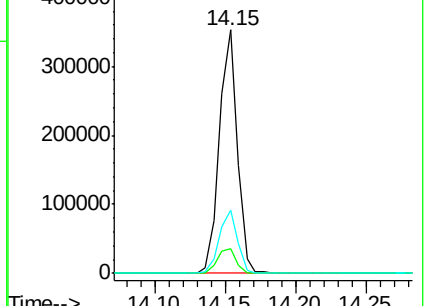
236 26.2 20.7 31.1



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: 83.700 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106445.D

Acq: 14 Jun 2018 16:37

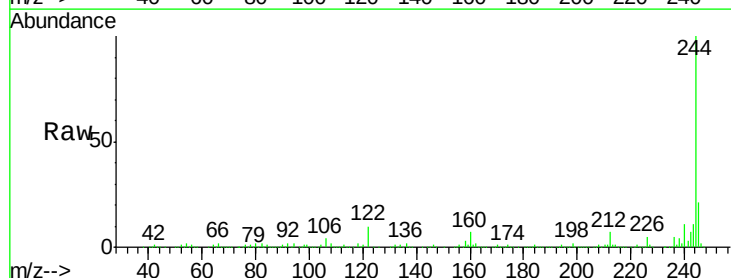
Tgt Ion:244 Resp: 1050941

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

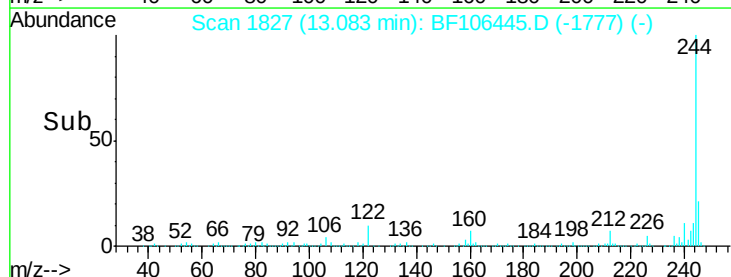
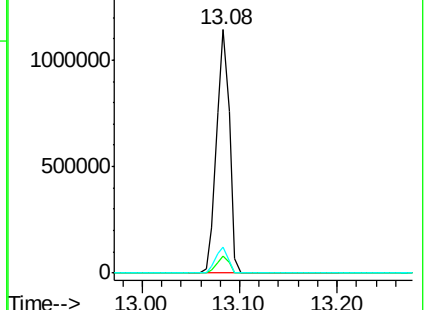
122 10.5 11.0 16.4#

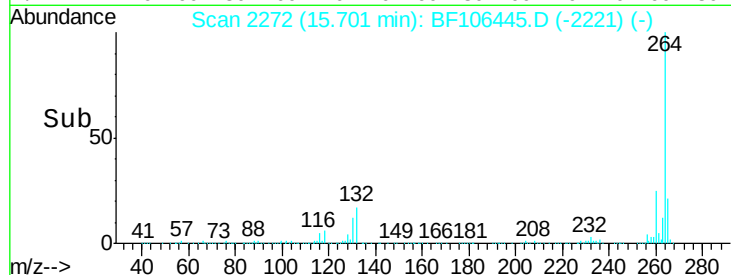
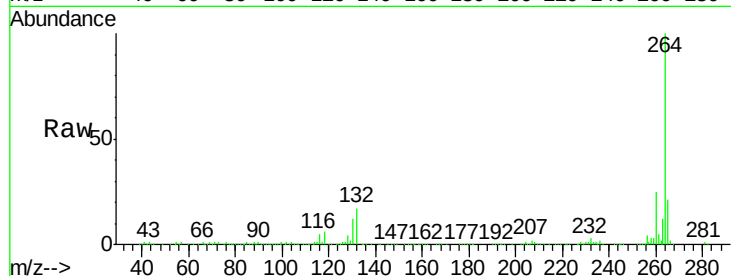
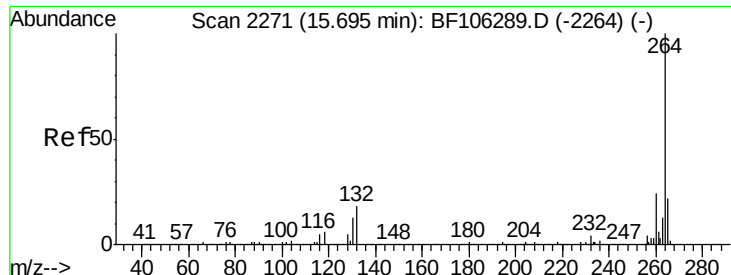


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF106445.D
Acq: 14 Jun 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	312983
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.0	17.5	26.3

