

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106747.D
 Acq On : 23 Jun 2018 9:05
 Operator : JU/SJ
 Sample : J3595-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC01

Quant Time: Jun 25 01:18:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

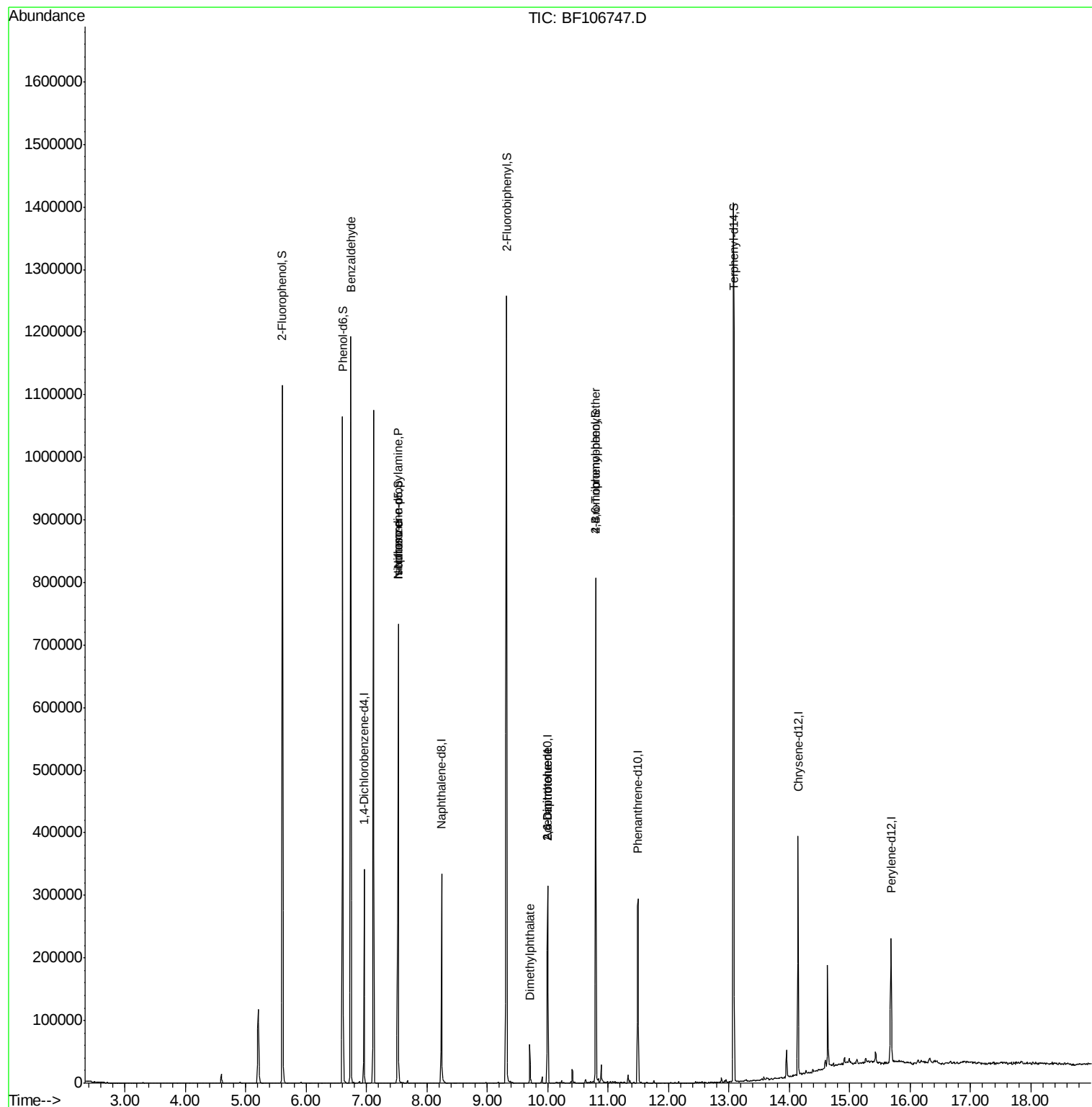
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44812	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	150835	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	62224	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	123751	20.00	ng	0.00
75) Chrysene-d12	14.14	240	138086	20.00	ng	-0.01
86) Perylene-d12	15.68	264	100916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	345728	130.64	ng	0.01
7) Phenol-d6	6.61	99	425698	128.81	ng	0.00
23) Nitrobenzene-d5	7.52	82	267273	98.47	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	110025	152.56	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	451271	130.68	ng	0.00
78) Terphenyl-d14	13.08	244	566745	99.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	7519	2.694	ng	88
19) n-Nitroso-di-n-propylamine	7.52	70	34492	15.833	ng	# 73
25) Isophorone	7.52	82	267312	55.891	ng	# 64
49) Dimethylphthalate	9.71	163	26511	5.681	ng	99
50) 2,6-Dinitrotoluene	10.00	165	7939	8.034	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	7939	6.155	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6561	4.442	ng	# 1

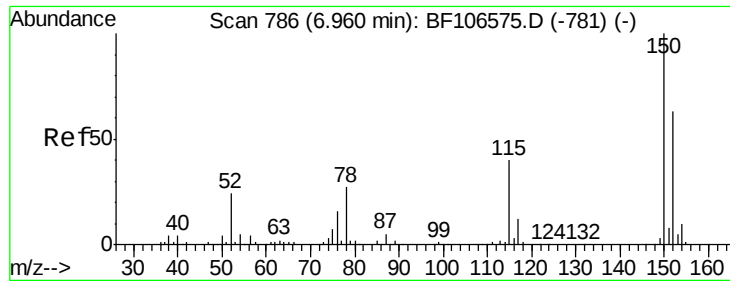
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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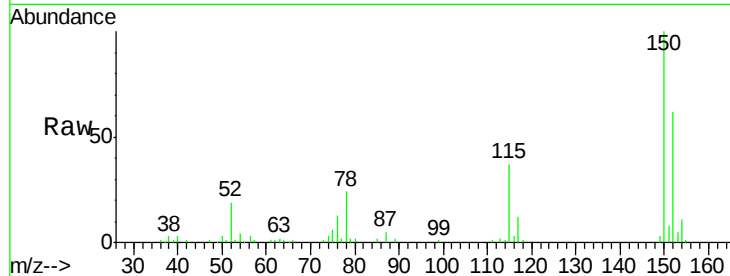


#1

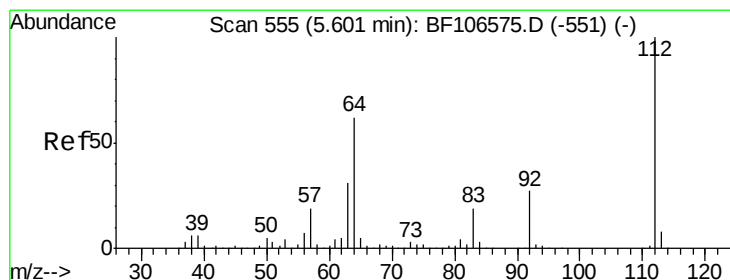
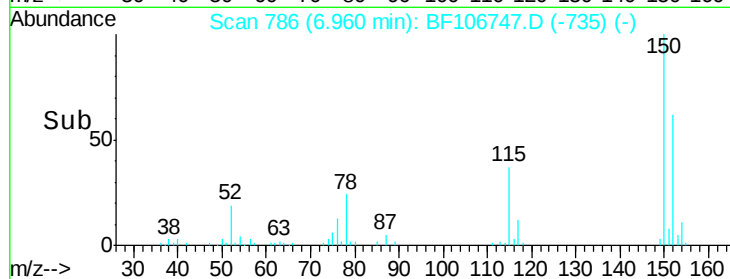
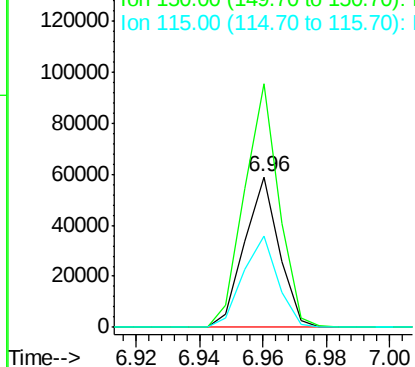
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Instrument :
BNA_F
ClientSampleId :
CONC01

Tgt Ion:152 Resp: 44812
Ion Ratio Lower Upper
152 100
150 161.7 124.6 186.8
115 60.3 50.1 75.1



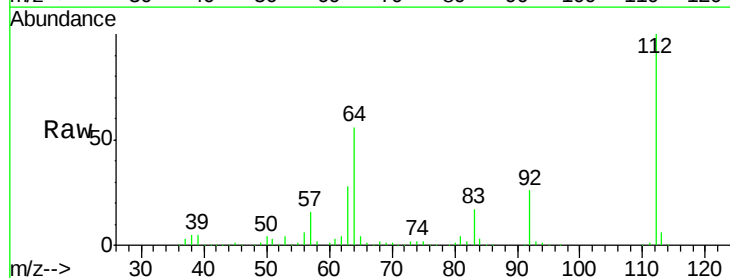
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



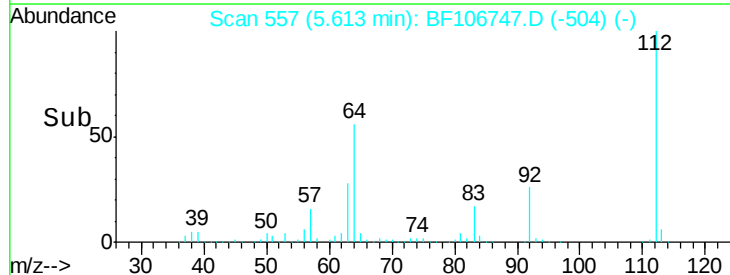
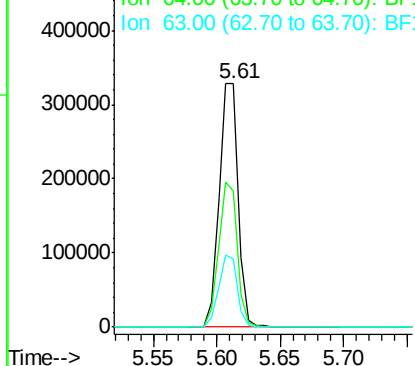
#5

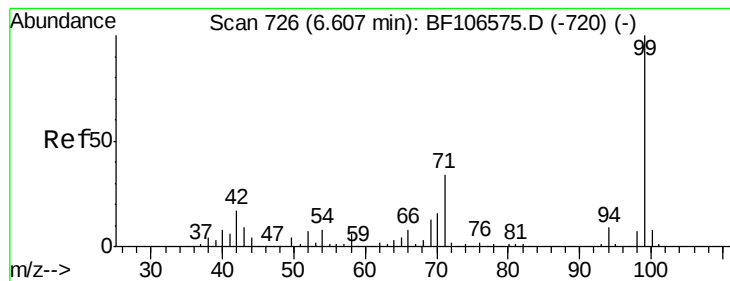
2-Fluorophenol
Concen: 130.641 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Tgt Ion:112 Resp: 345728
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 28.0 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: 128.810 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106747.D

Acq: 23 Jun 2018 9:05

Instrument :

BNA_F

ClientSampled :

CONC01

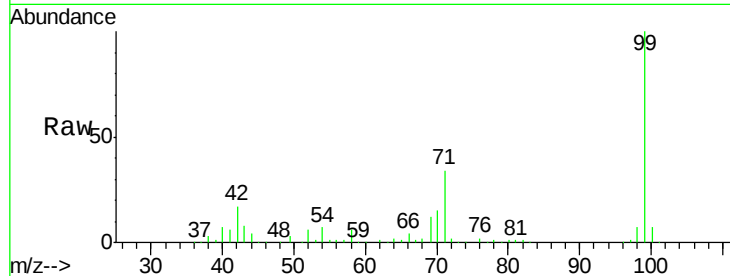
Tgt Ion: 99 Resp: 425698

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

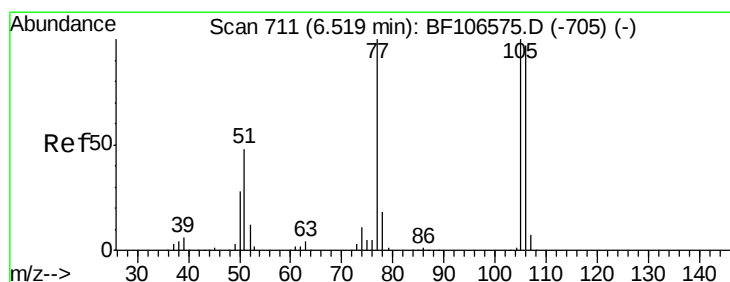
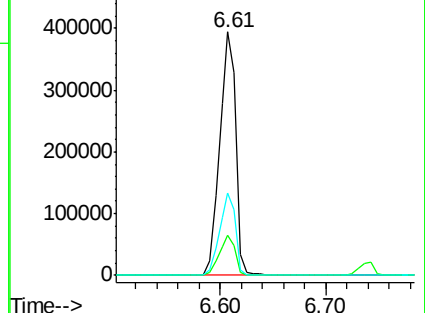
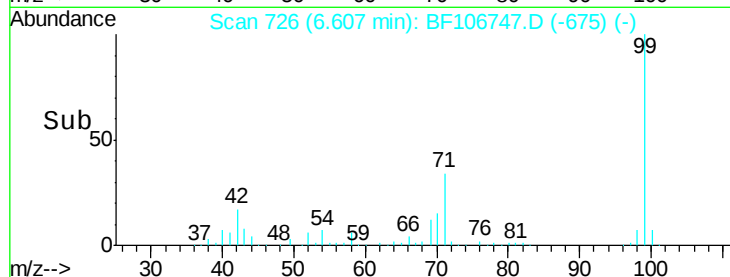
71 33.9 25.4 38.0



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: 2.694 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106747.D

Acq: 23 Jun 2018 9:05

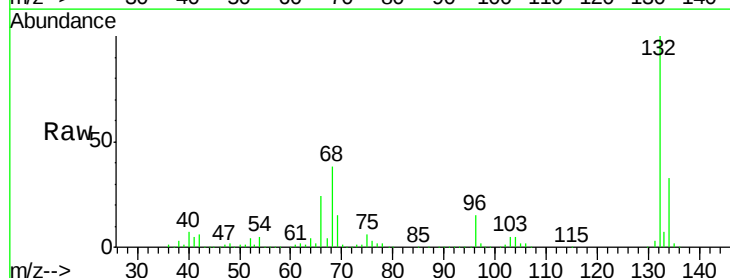
Tgt Ion: 77 Resp: 7519

Ion Ratio Lower Upper

77 100

105 88.4 81.1 121.1

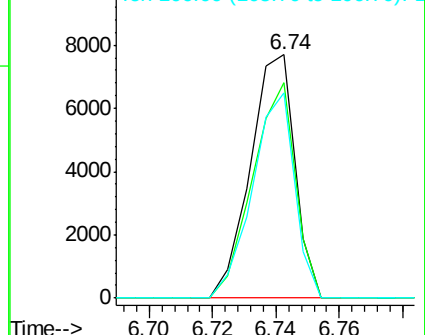
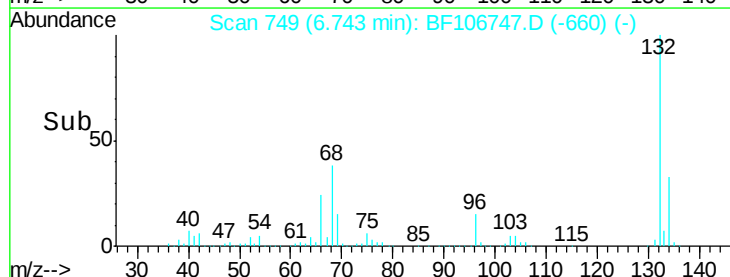
106 84.1 74.5 114.5

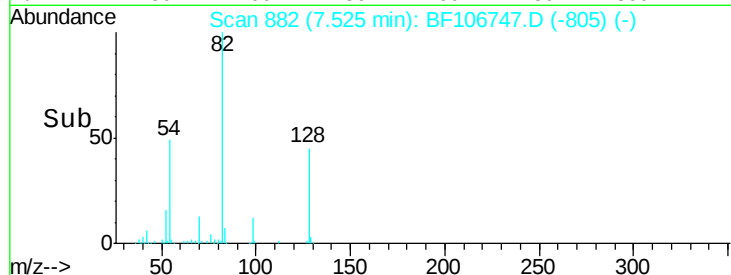
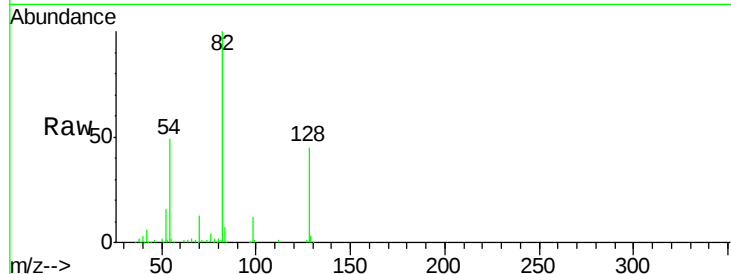
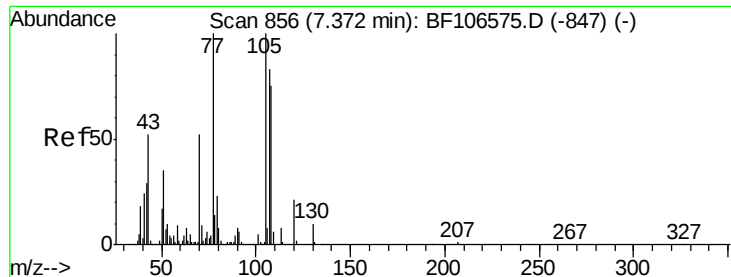


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

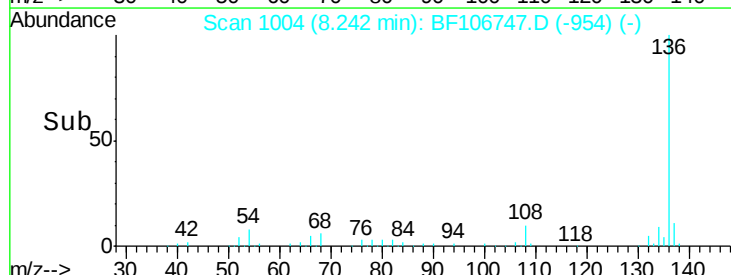
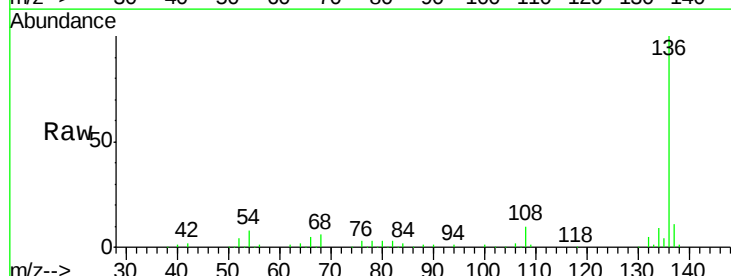
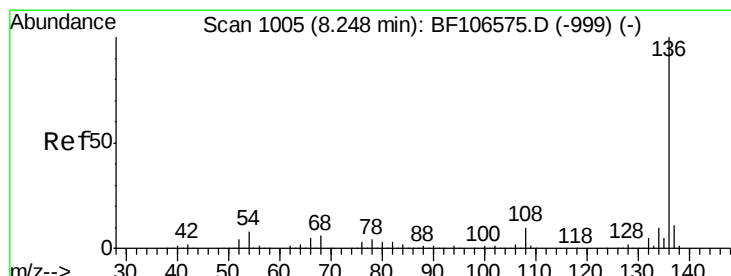
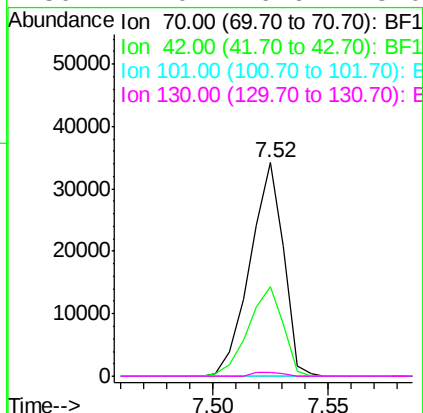




#19
n-Nitroso-di-n-propylamine
Concen: 15.833 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

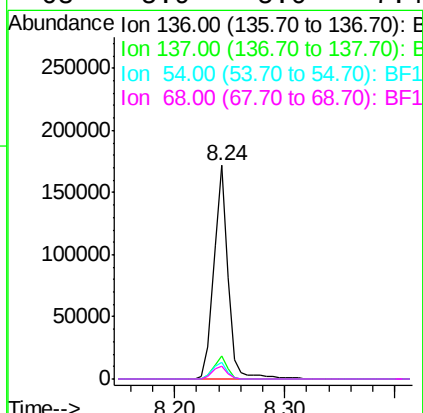
Instrument :
BNA_F
ClientSampled :
CONC01

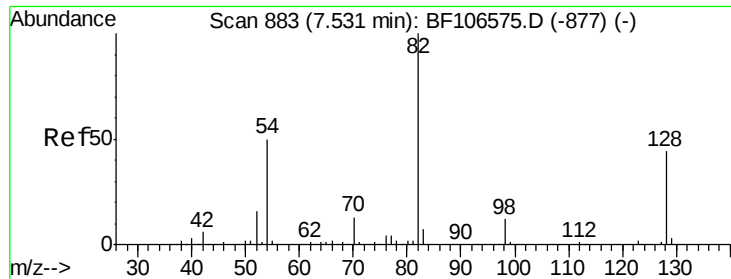
Tgt Ion:	70	Resp:	34492
Ion	Ratio	Lower	Upper
70	100		
42	42.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Tgt Ion:	136	Resp:	150835
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	5.9	5.0	7.4

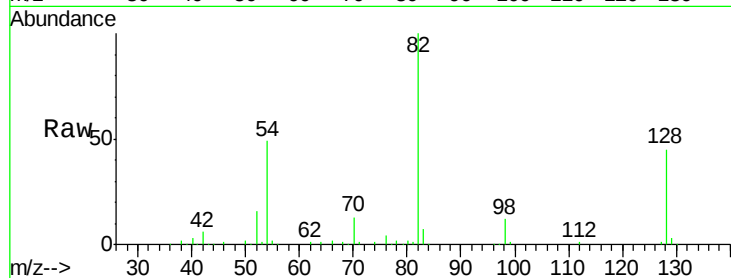




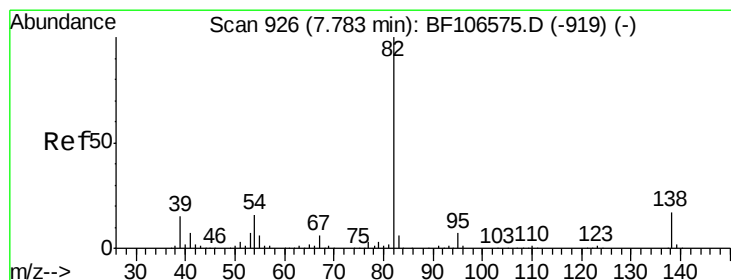
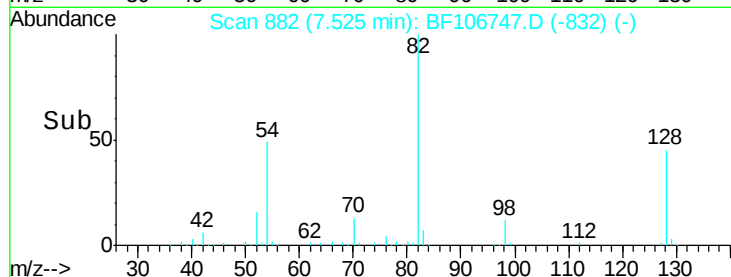
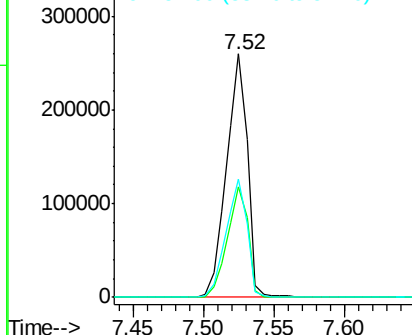
#23
 Nitrobenzene-d5
 Concen: 98.474 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106747.D
 Acq: 23 Jun 2018 9:05

Instrument :
 BNA_F
 ClientSampleId :
 CONC01

Tgt Ion: 82 Resp: 267273
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 48.6 41.4 62.2

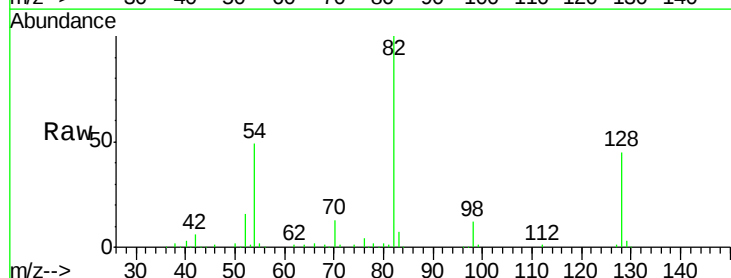


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

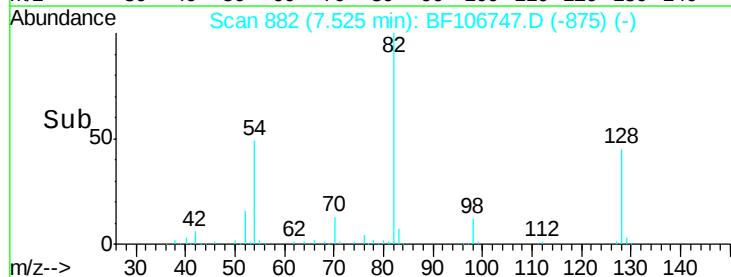
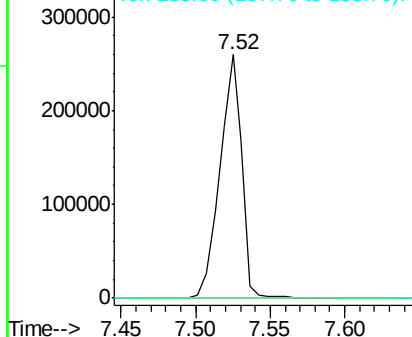


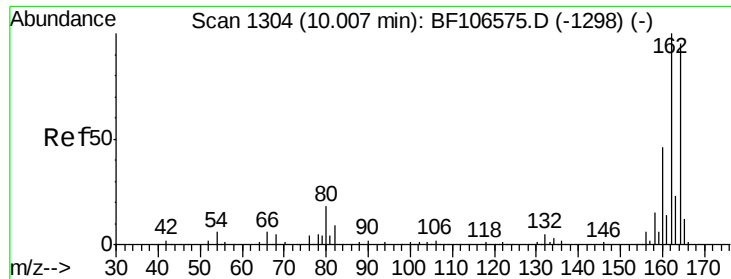
#25
 Isophorone
 Concen: 55.891 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF106747.D
 Acq: 23 Jun 2018 9:05

Tgt Ion: 82 Resp: 267312
 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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106747.D

Acq: 23 Jun 2018 9:05

Instrument :

BNA_F

ClientSampleId :

CONC01

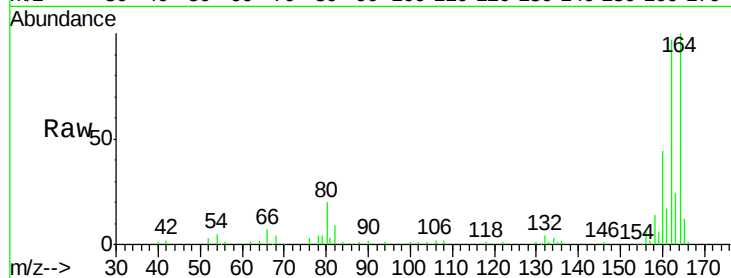
Tgt Ion:164 Resp: 62224

Ion Ratio Lower Upper

164 100

162 96.6 86.1 129.1

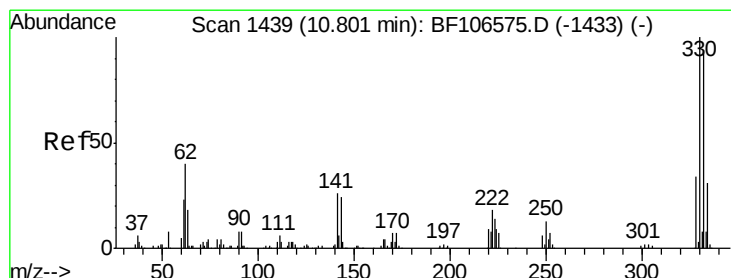
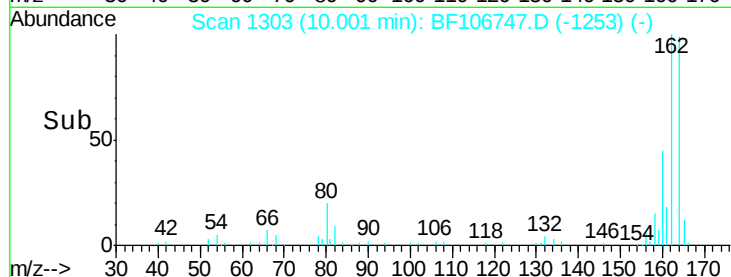
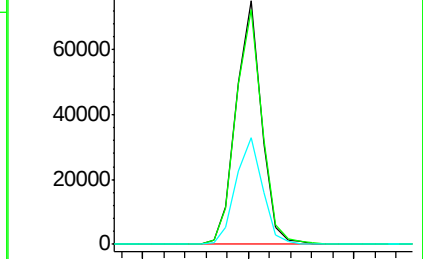
160 43.8 38.3 57.5



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: 152.560 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106747.D

Acq: 23 Jun 2018 9:05

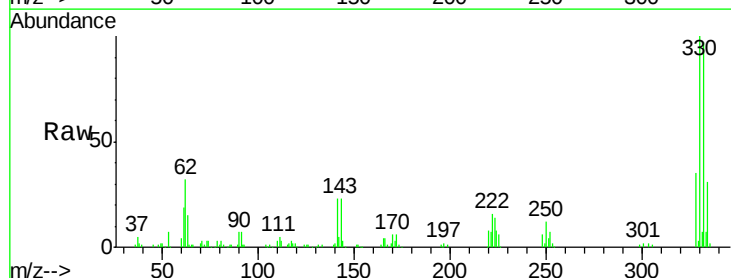
Tgt Ion:330 Resp: 110025

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

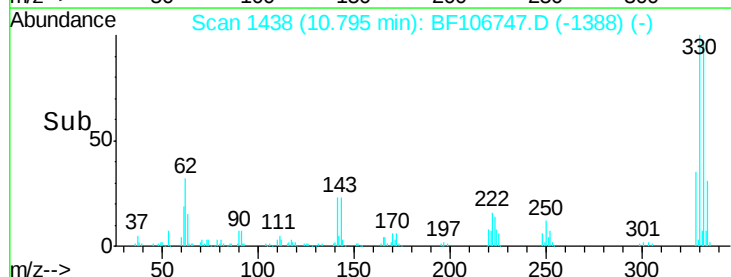
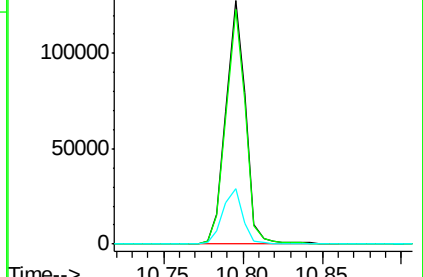
141 23.3 29.9 44.9#

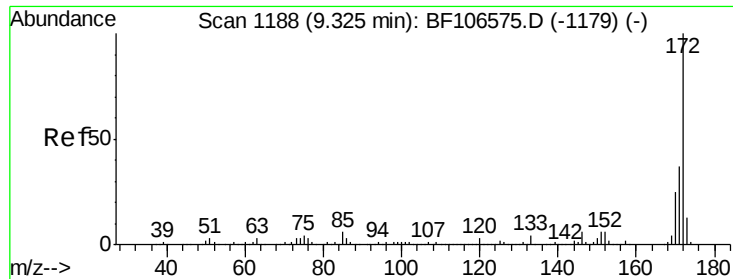


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

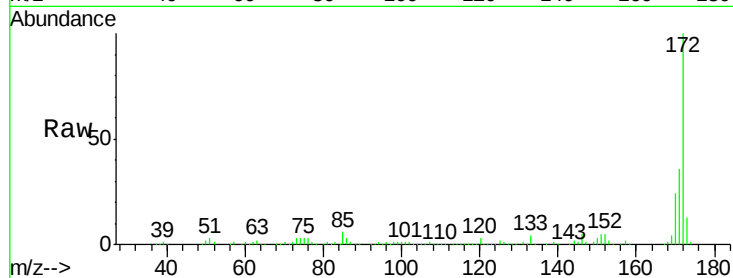




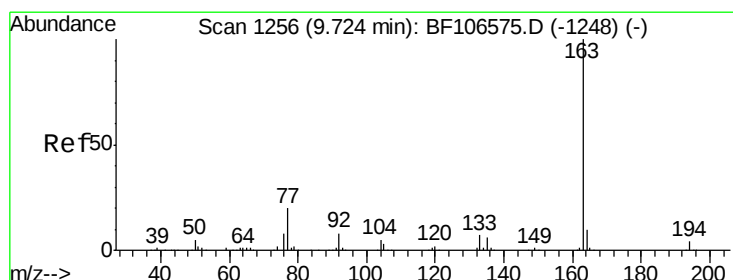
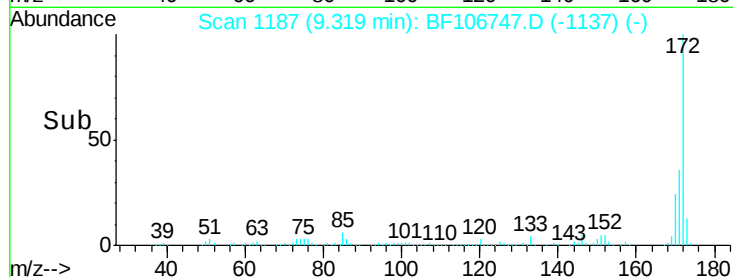
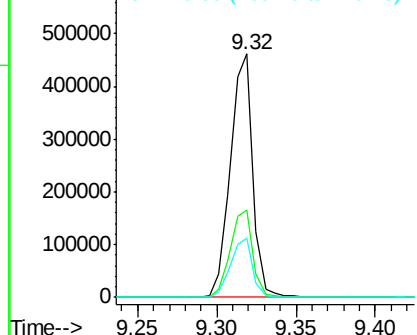
#44
2-Fluorobiphenyl
Concen: 130.683 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Instrument :
BNA_F
ClientSampleId :
CONC01

Tgt Ion:172 Resp: 451271
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.4 19.6 29.4

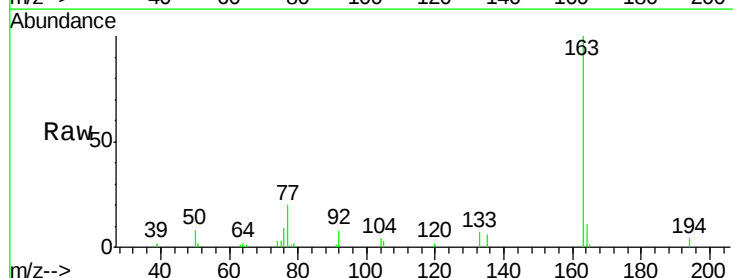


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

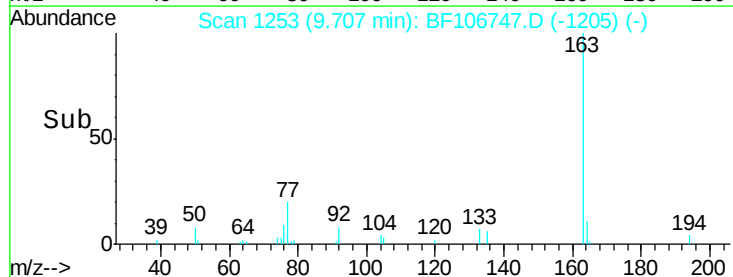
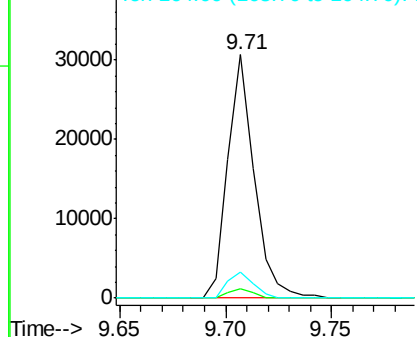


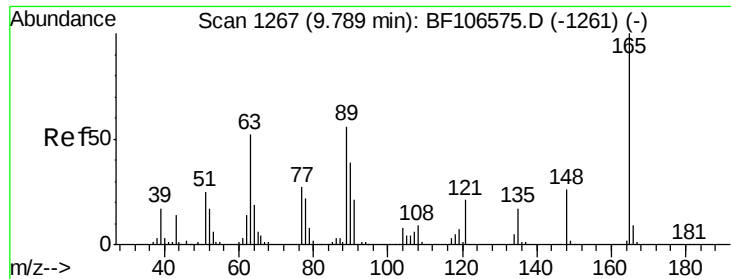
#49
Dimethylphthalate
Concen: 5.681 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Tgt Ion:163 Resp: 26511
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.6 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

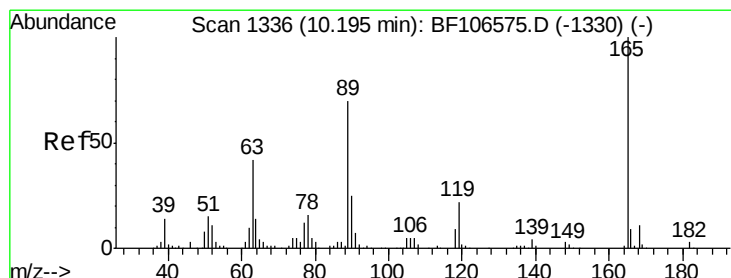
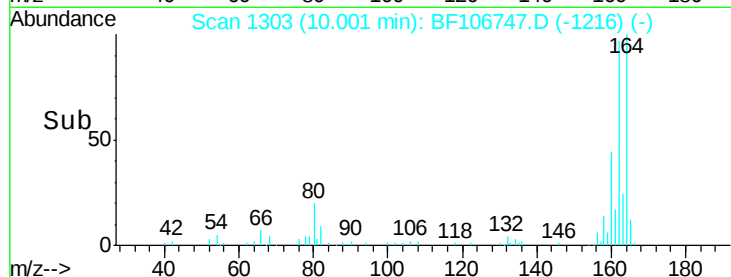
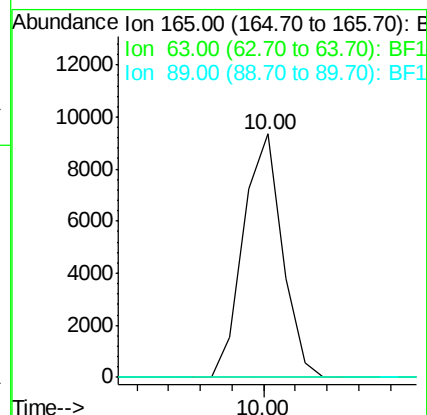
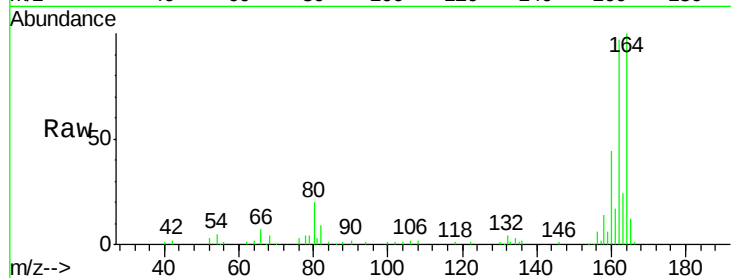




#50
2,6-Dinitrotoluene
Concen: 8.034 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

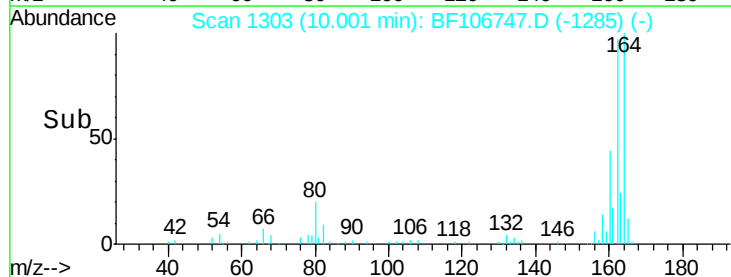
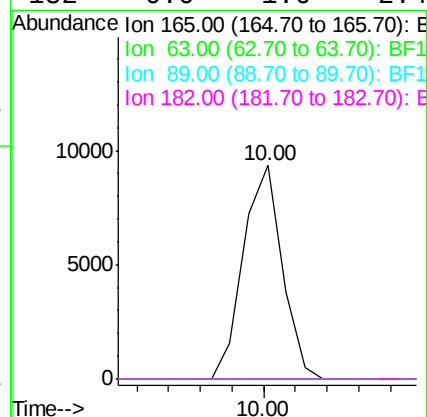
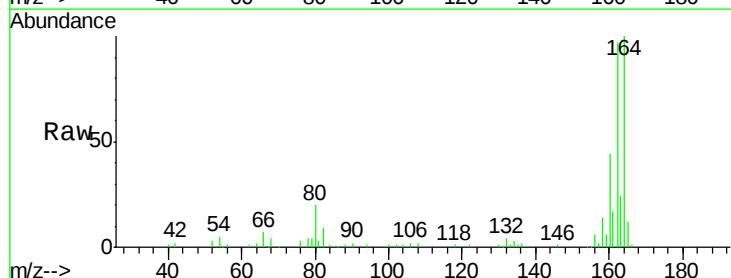
Instrument :
BNA_F
ClientSampleId :
CONC01

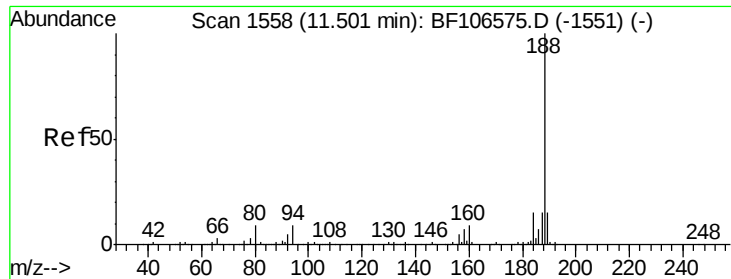
Tgt Ion:165 Resp: 7939
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 6.155 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Tgt Ion:165 Resp: 7939
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

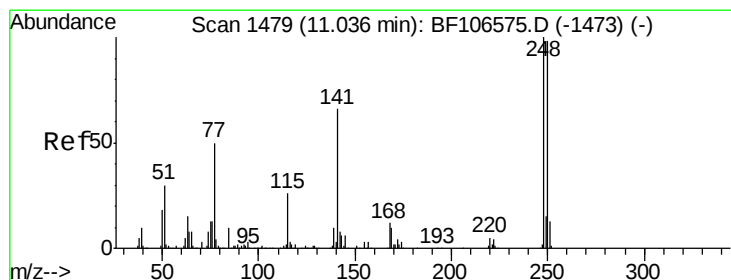
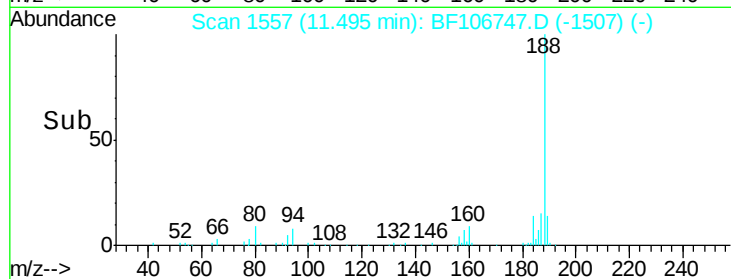
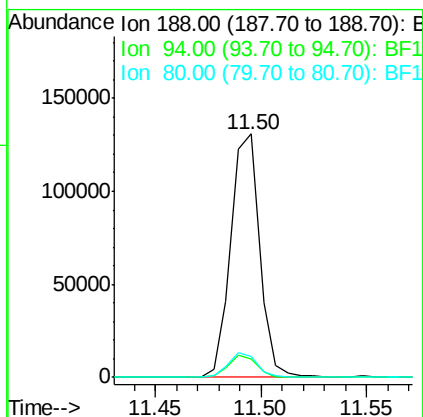
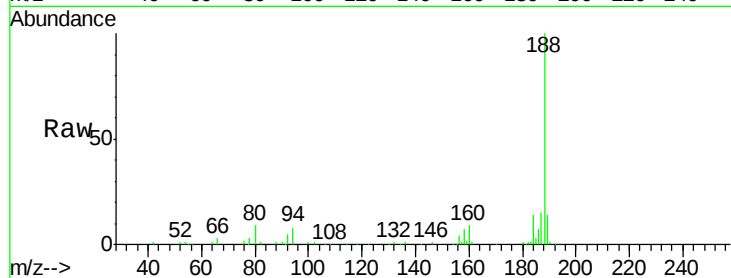




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

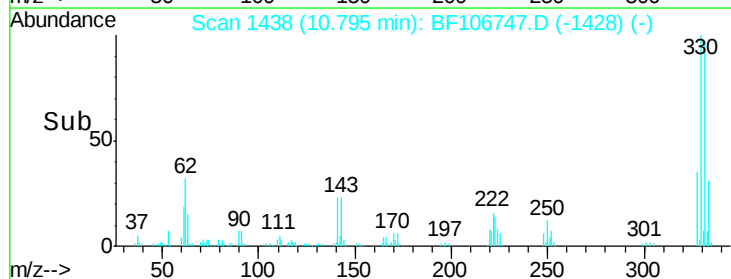
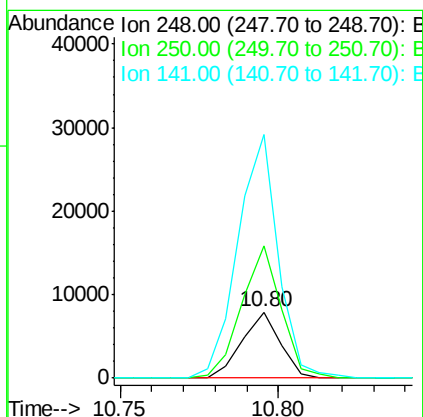
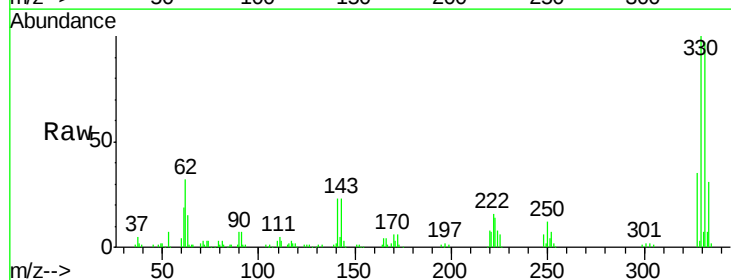
Instrument :
BNA_F
ClientSampleId :
CONC01

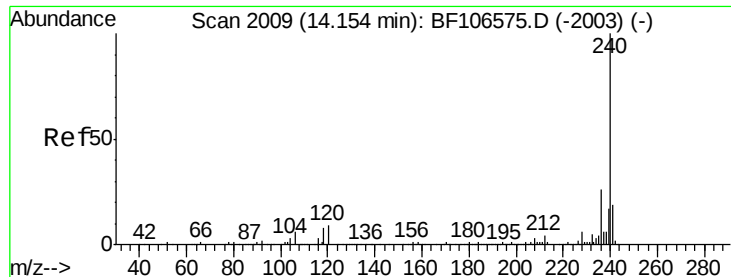
Tgt Ion:188 Resp: 123751
Ion Ratio Lower Upper
188 100
94 7.7 8.5 12.7#
80 8.8 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 4.442 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Tgt Ion:248 Resp: 6561
Ion Ratio Lower Upper
248 100
250 200.8 76.9 115.3#
141 369.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106747.D

Acq: 23 Jun 2018 9:05

Instrument :

BNA_F

ClientSampleId :

CONC01

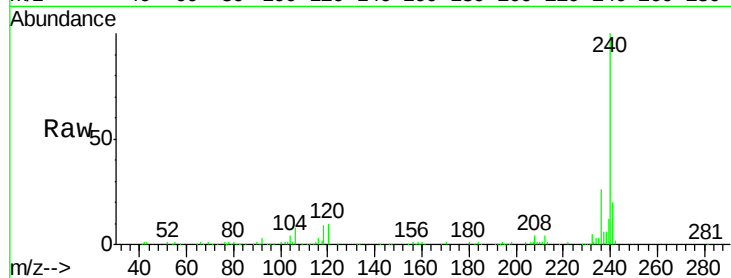
Tgt Ion:240 Resp: 138086

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

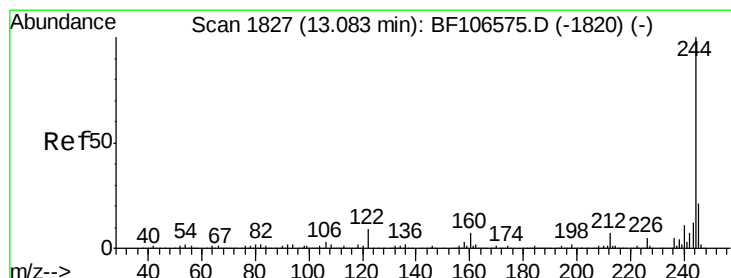
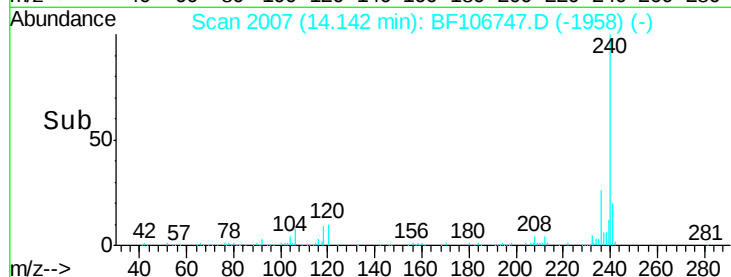
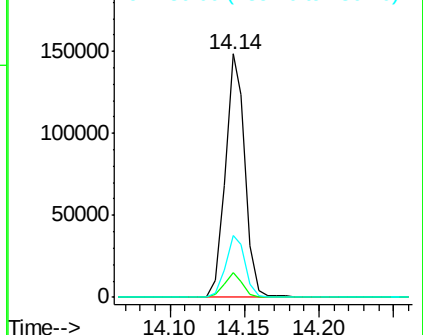
236 25.5 20.7 31.1



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: 99.418 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106747.D

Acq: 23 Jun 2018 9:05

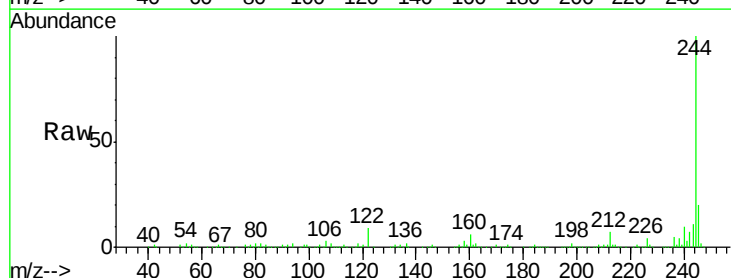
Tgt Ion:244 Resp: 566745

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

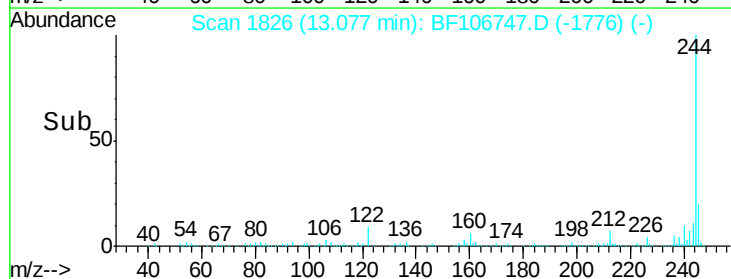
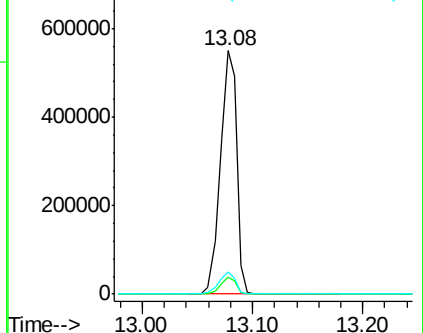
122 9.1 11.0 16.4#

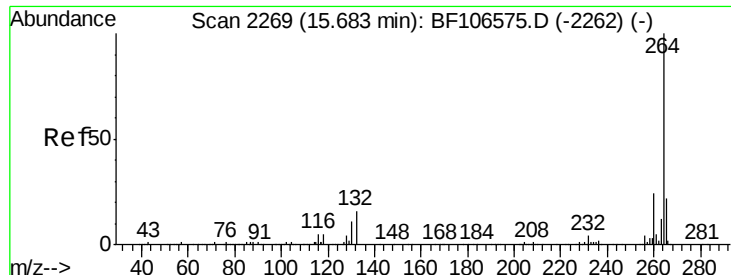


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

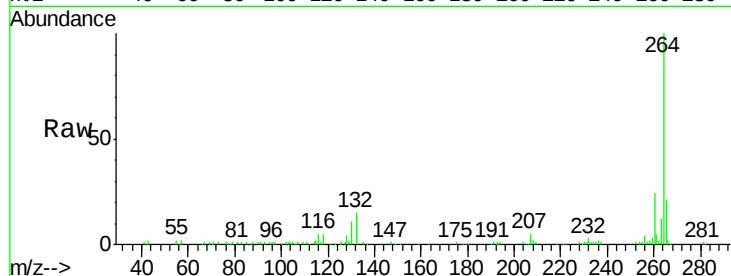




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106747.D
Acq: 23 Jun 2018 9:05

Instrument :
BNA_F
ClientSampleId :
CONC01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	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

