

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106511.D
 Acq On : 15 Jun 2018 23:51
 Operator : JU/SJ
 Sample : J3504-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46COMP

Quant Time: Jun 16 02:06:45 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	115091	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	395506	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	156908	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	289538	20.00	ng	0.00
75) Chrysene-d12	14.15	240	285745	20.00	ng	0.00
86) Perylene-d12	15.68	264	199182	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	803431	118.15	ng	0.00
7) Phenol-d6	6.61	99	953927	111.03	ng	0.00
23) Nitrobenzene-d5	7.53	82	620998	92.37	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	219087	145.12	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	894472	111.24	ng	0.00
78) Terphenyl-d14	13.08	244	931778	80.99	ng	0.00

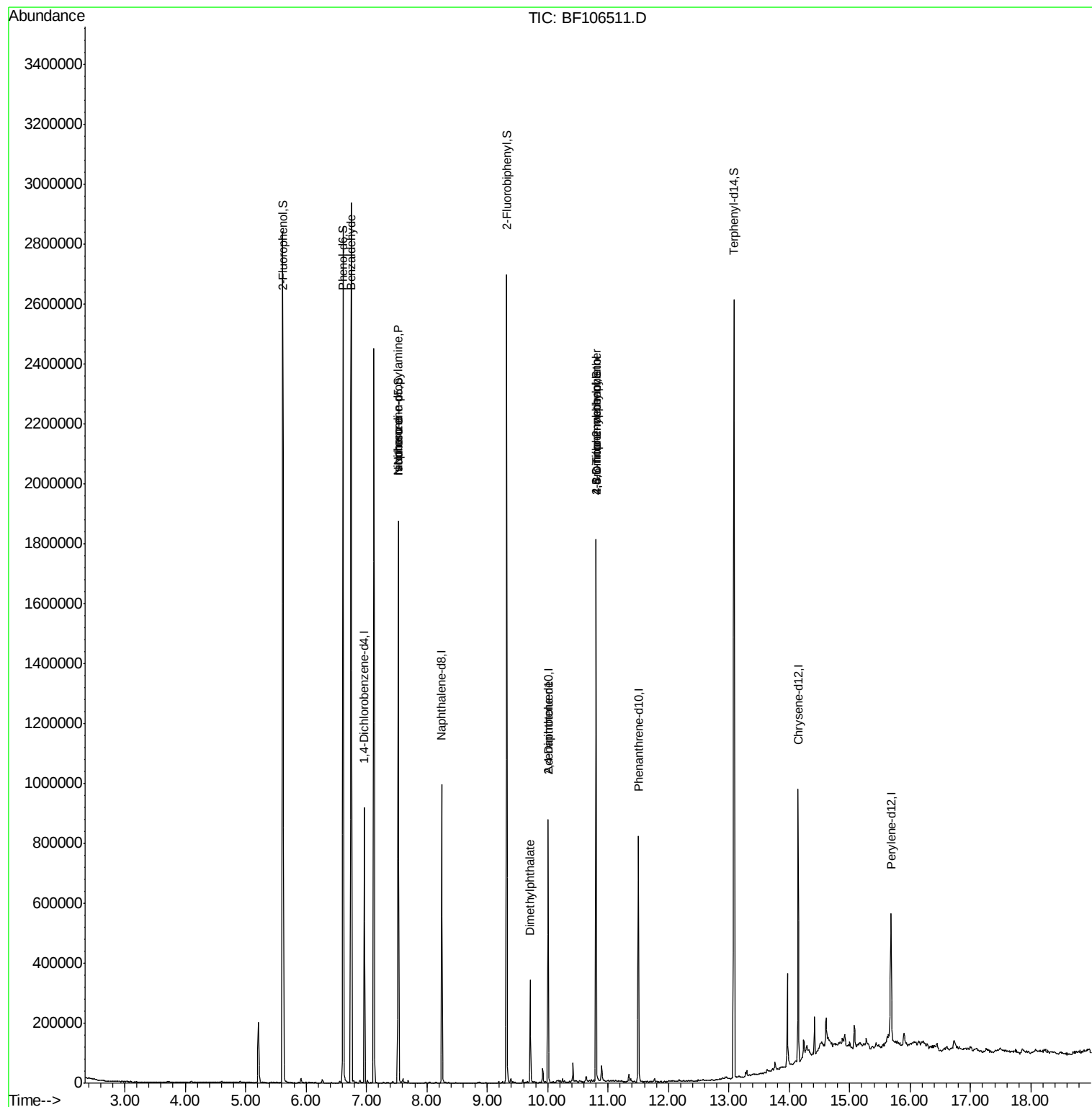
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	18943	2.907	ng	81
19) n-Nitroso-di-n-propylamine	7.53	70	83186	12.906	ng	# 74
25) Isophorone	7.53	82	620987	47.289	ng	# 64
49) Dimethylphthalate	9.71	163	120509	10.750	ng	99
56) 2,4-Dinitrotoluene	10.01	165	20297	7.059	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	440	6.540	ng	# 39
66) 4-Bromophenyl-phenylether	10.80	248	14696	4.463	ng	# 1

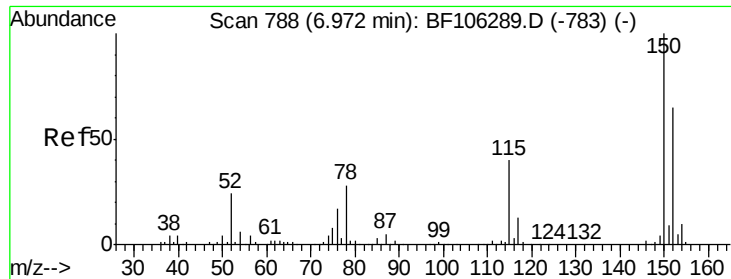
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
Data File : BF106511.D
Acq On : 15 Jun 2018 23:51
Operator : JU/SJ
Sample : J3504-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-46COMP

Quant Time: Jun 16 02:06:45 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



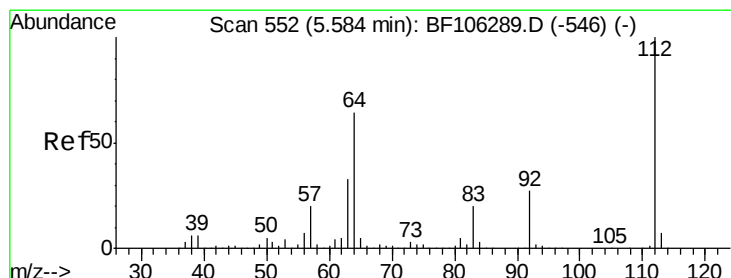
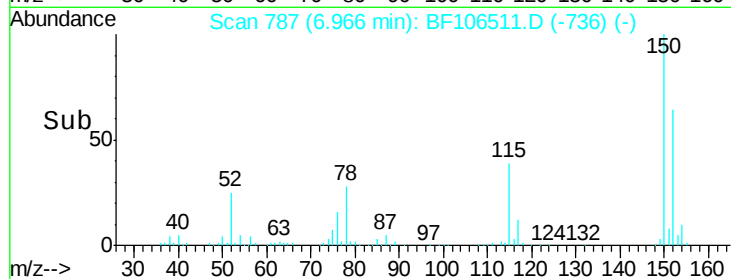
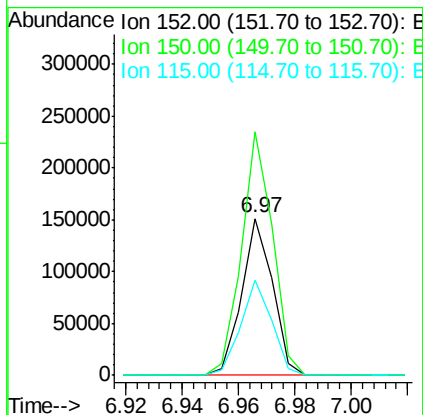
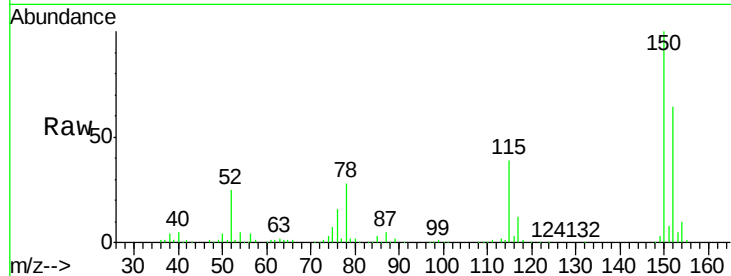


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106511.D
Acq: 15 Jun 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-46COMP

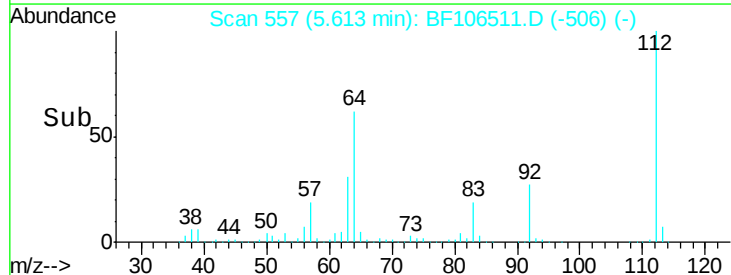
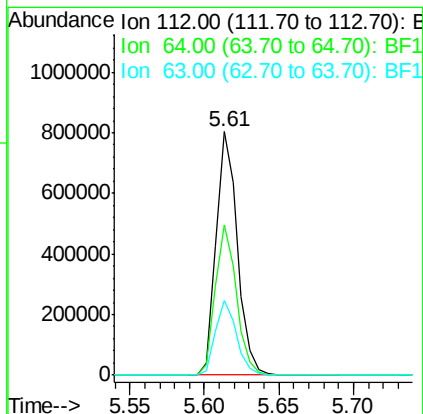
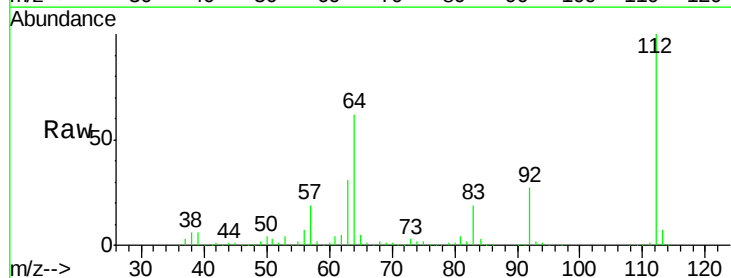
Tgt Ion:152 Resp: 115091
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 60.7 50.1 75.1

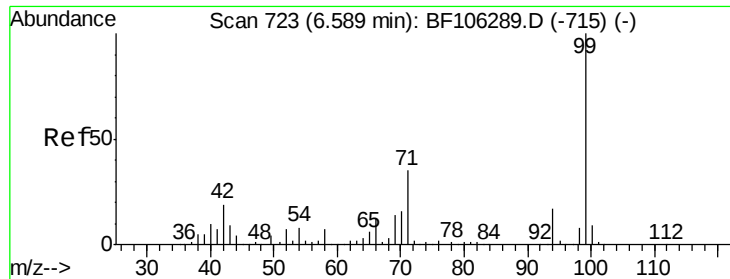


#5

2-Fluorophenol
Concen: 118.150 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106511.D
Acq: 15 Jun 2018 23:51

Tgt Ion:112 Resp: 803431
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 111.035 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106511.D

Acq: 15 Jun 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-46COMP

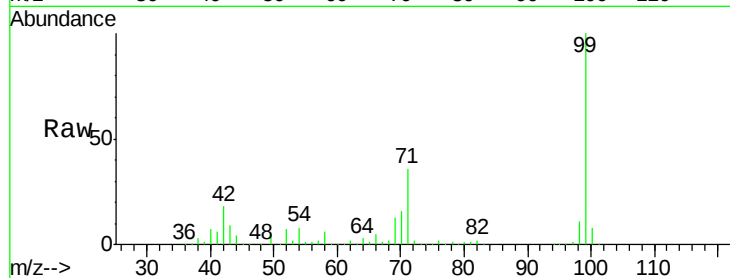
Tgt Ion: 99 Resp: 953927

Ion Ratio Lower Upper

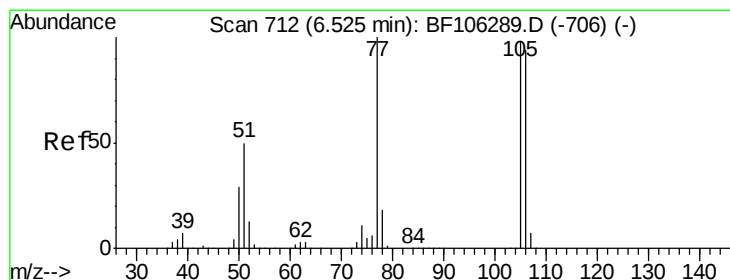
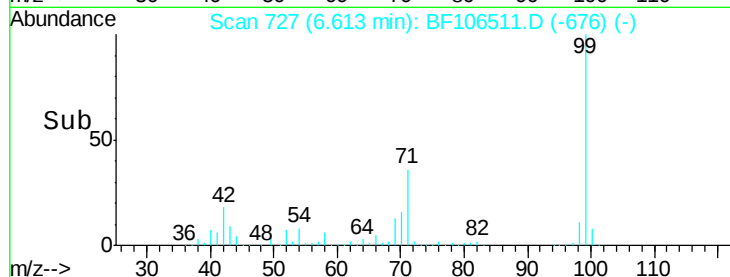
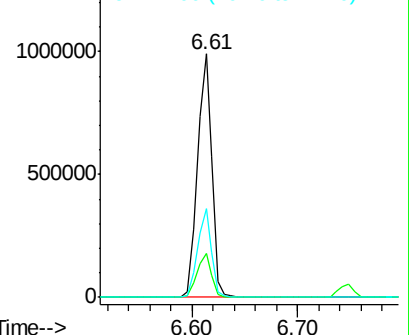
99 100

42 18.0 14.5 21.7

71 36.2 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: 2.907 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106511.D

Acq: 15 Jun 2018 23:51

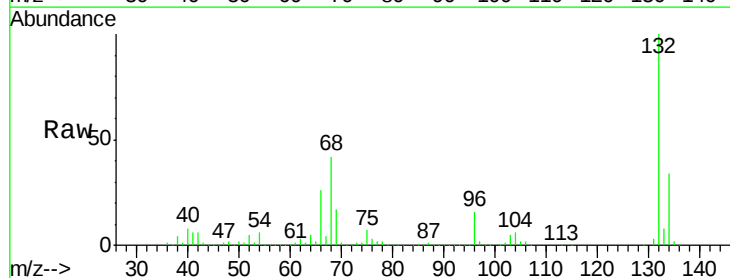
Tgt Ion: 77 Resp: 18943

Ion Ratio Lower Upper

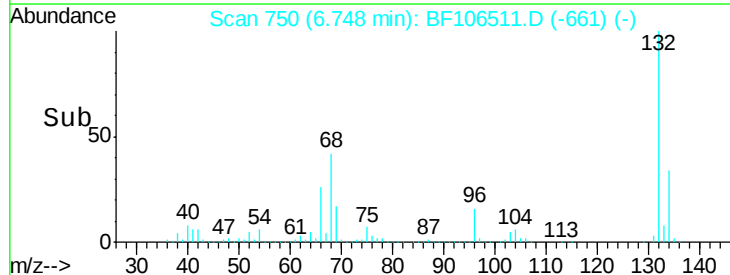
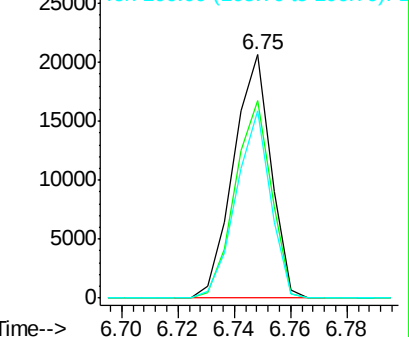
77 100

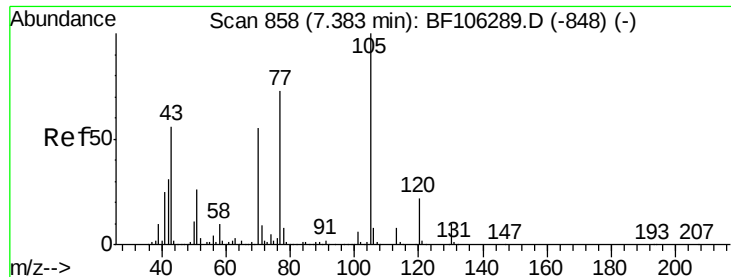
105 81.2 81.1 121.1

106 77.1 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

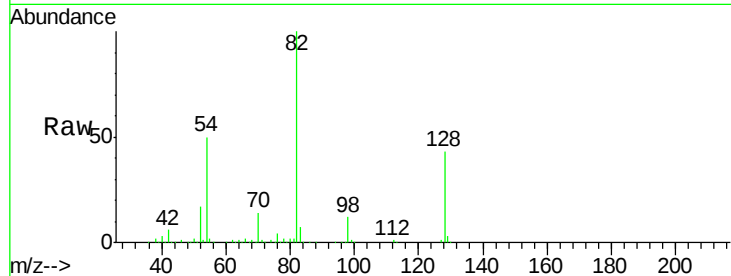




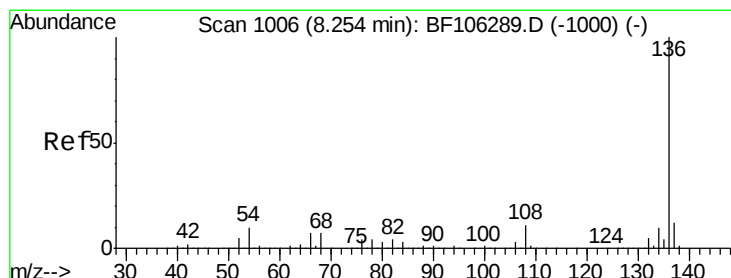
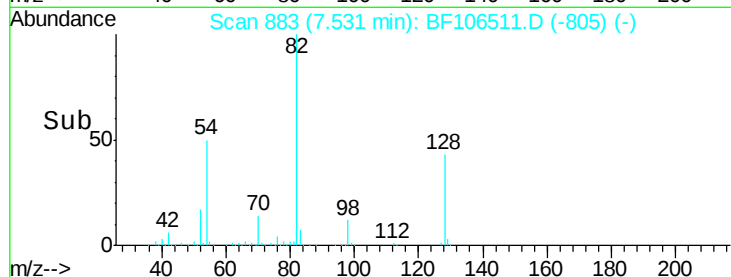
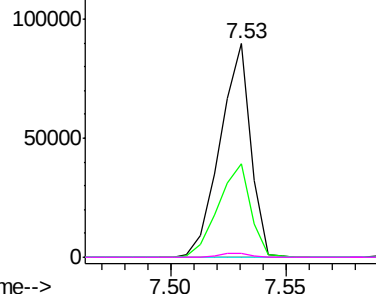
#19
n-Nitroso-di-n-propylamine
Concen: 12.906 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106511.D
Acq: 15 Jun 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-46COMP

Tgt Ion: 70 Resp: 83186
Ion Ratio Lower Upper
70 100
42 43.9 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#

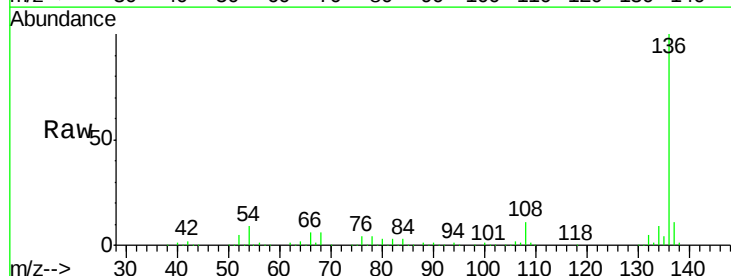


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

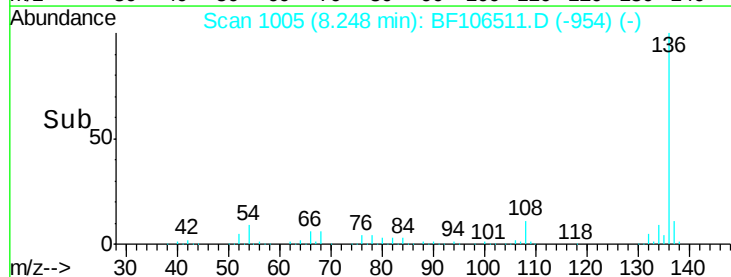
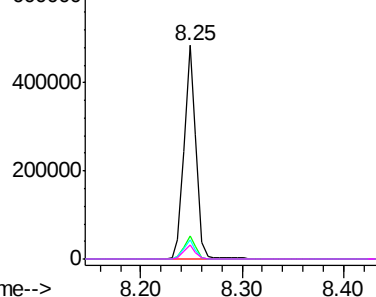


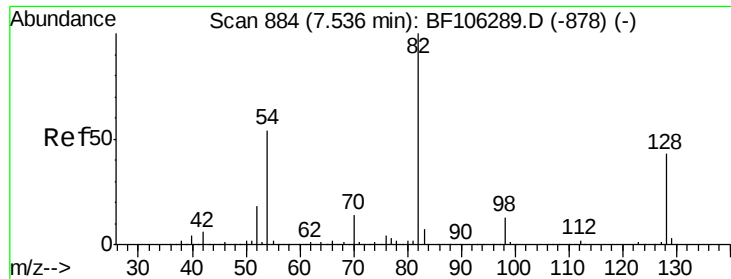
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106511.D
Acq: 15 Jun 2018 23:51

Tgt Ion: 136 Resp: 395506
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.8 6.6 9.8
68 6.5 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

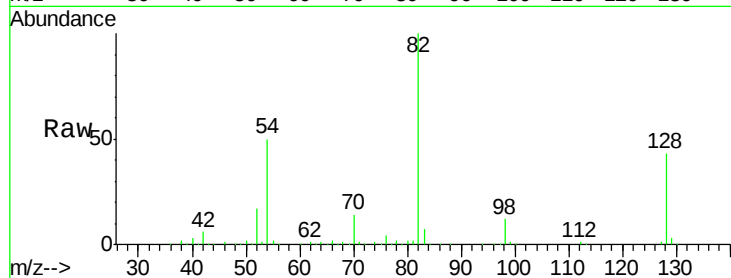




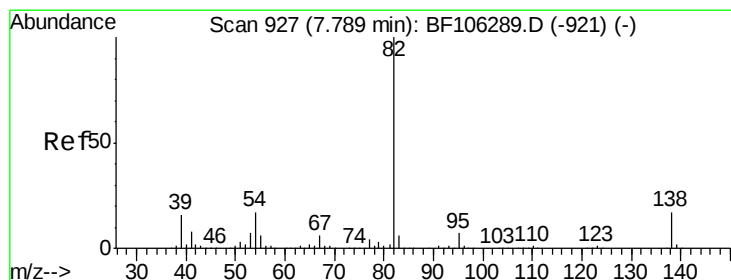
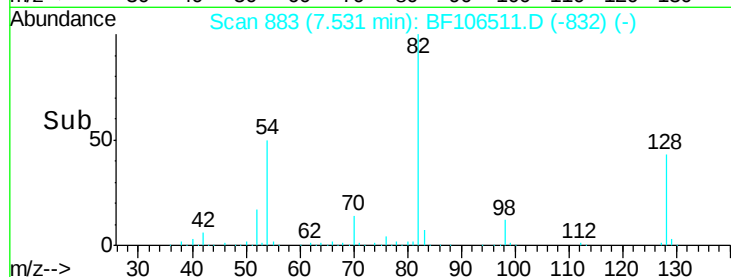
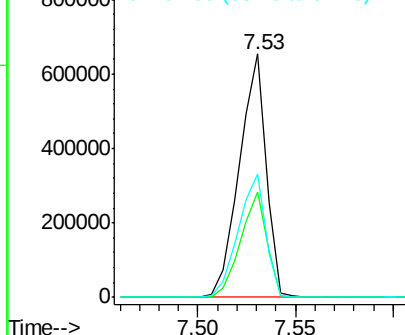
#23
 Nitrobenzene-d5
 Concen: 92.369 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106511.D
 Acq: 15 Jun 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-46COMP

Tgt Ion: 82 Resp: 620998
 Ion Ratio Lower Upper
 82 100
 128 43.2 36.1 54.1
 54 50.5 41.4 62.2

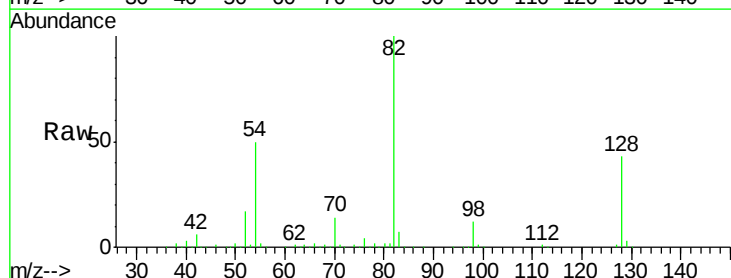


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

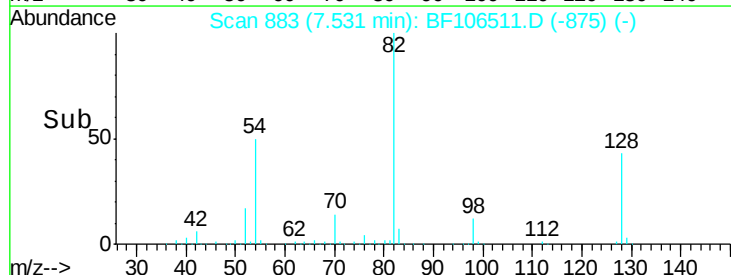
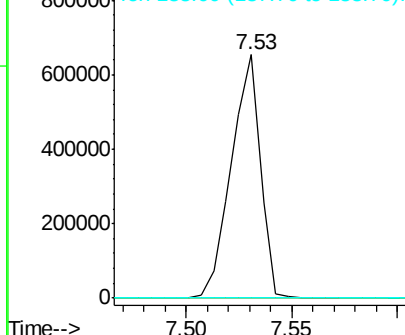


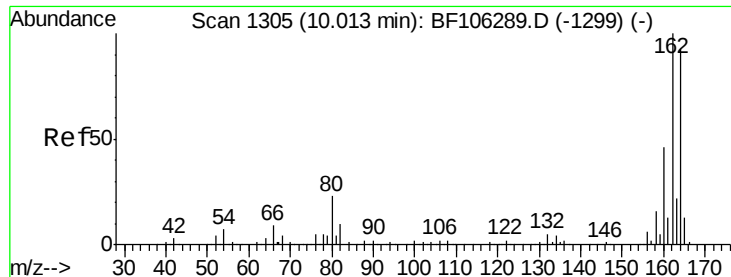
#25
 Isophorone
 Concen: 47.289 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.25 min
 Lab File: BF106511.D
 Acq: 15 Jun 2018 23:51

Tgt Ion: 82 Resp: 620987
 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: BF106511.D

Acq: 15 Jun 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-46COMP

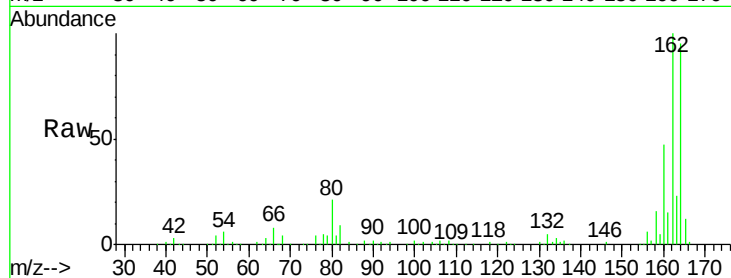
Tgt Ion:164 Resp: 156908

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

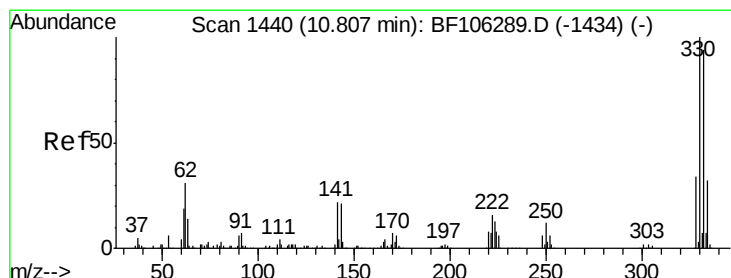
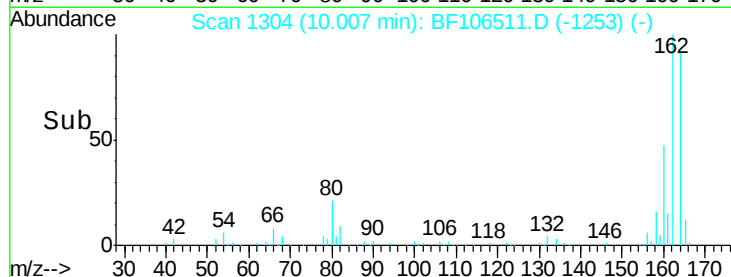
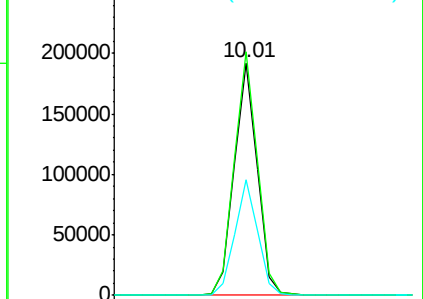
160 49.6 38.3 57.5



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: 145.117 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106511.D

Acq: 15 Jun 2018 23:51

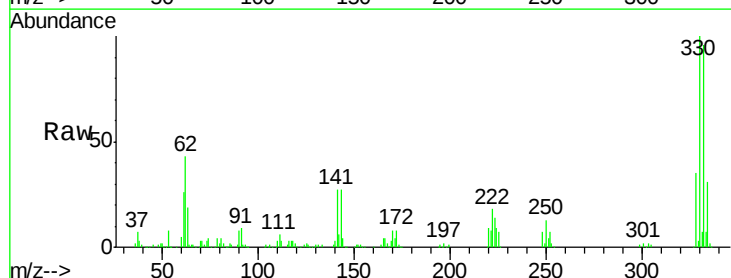
Tgt Ion:330 Resp: 219087

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

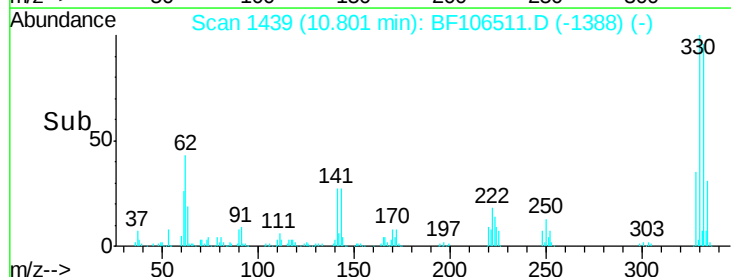
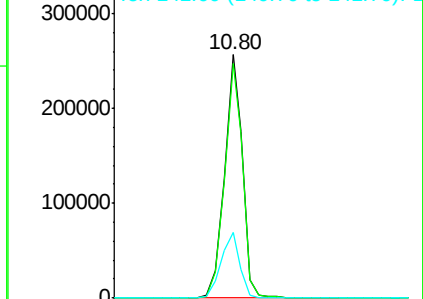
141 28.5 29.9 44.9#

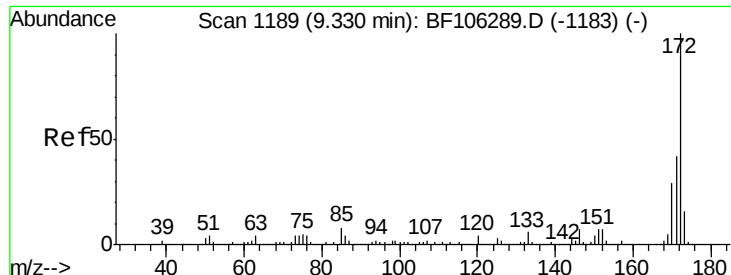


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

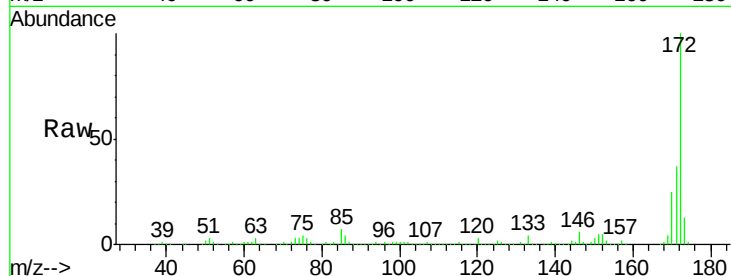




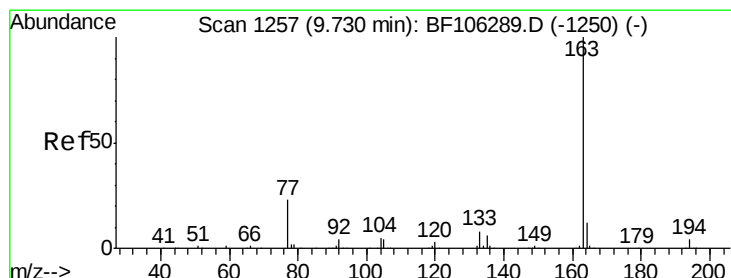
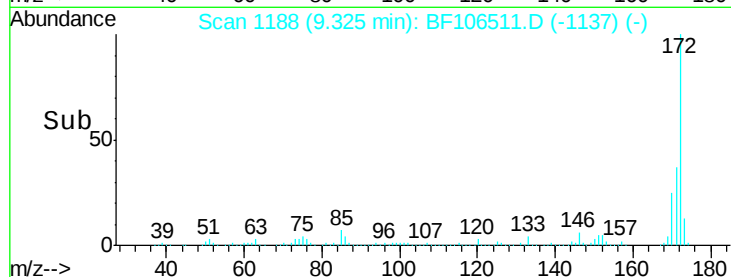
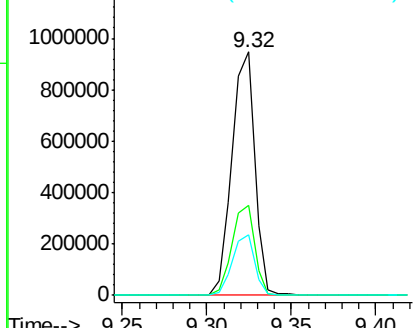
#44
 2-Fluorobiphenyl
 Concen: 111.238 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106511.D
 Acq: 15 Jun 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-46COMP

Tgt Ion:172 Resp: 894472
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 25.0 19.6 29.4

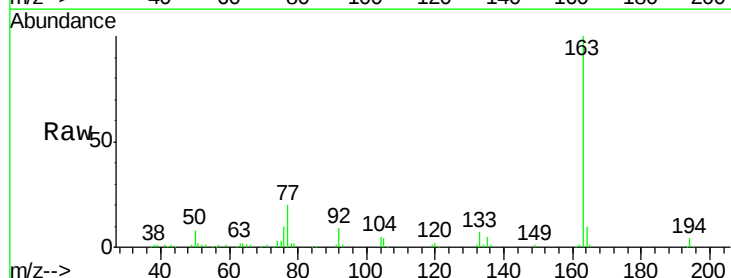


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

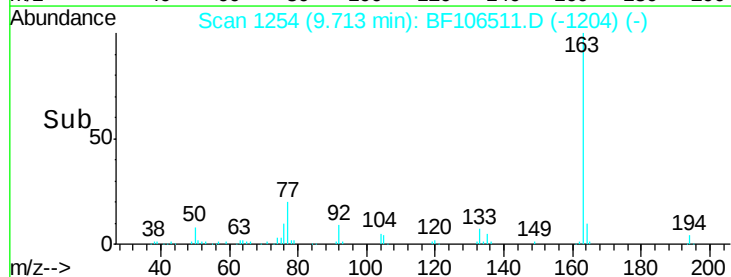
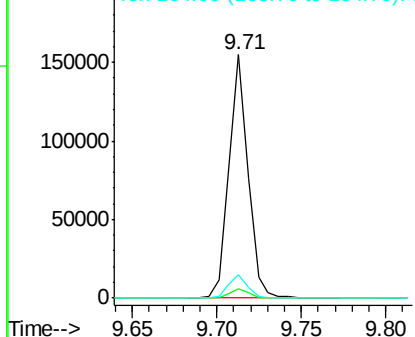


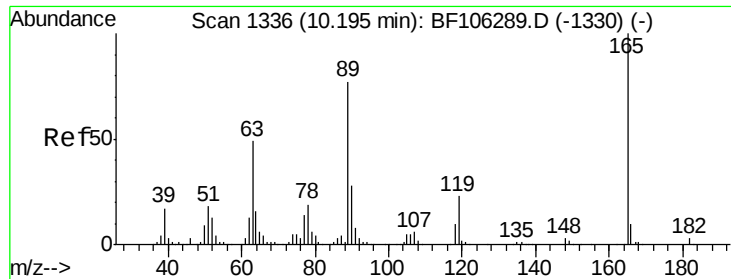
#49
 Dimethylphthalate
 Concen: 10.750 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106511.D
 Acq: 15 Jun 2018 23:51

Tgt Ion:163 Resp: 120509
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 9.8 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

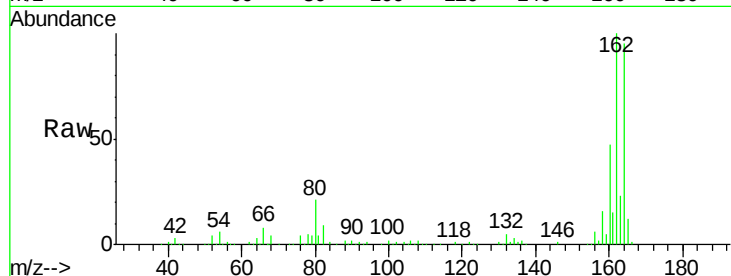




#56
2,4-Dinitrotoluene
Concen: 7.059 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106511.D
Acq: 15 Jun 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-46COMP

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

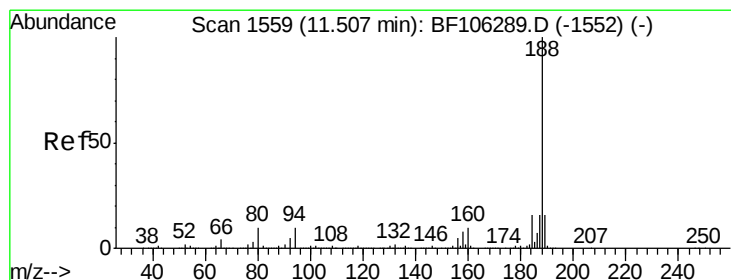
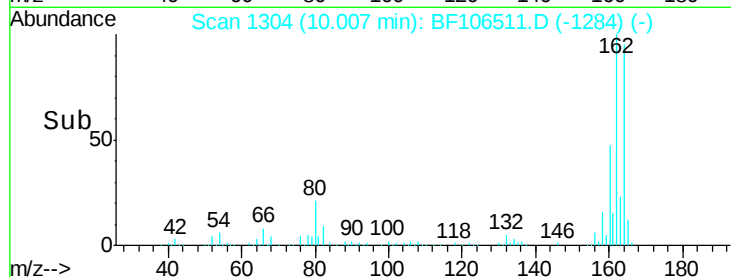
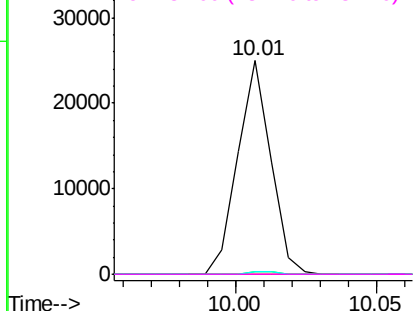


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

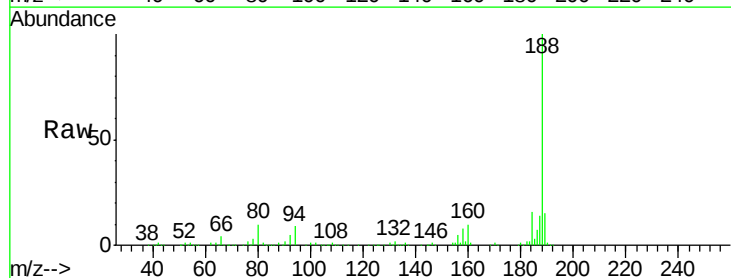
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106511.D
Acq: 15 Jun 2018 23:51

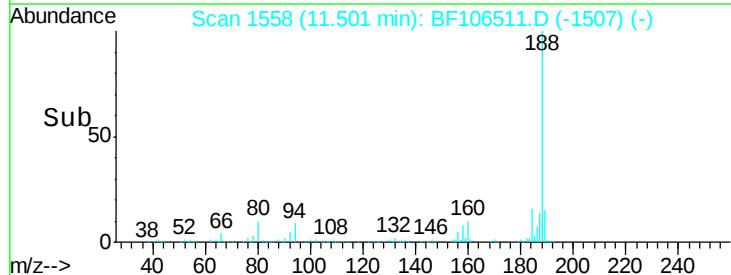
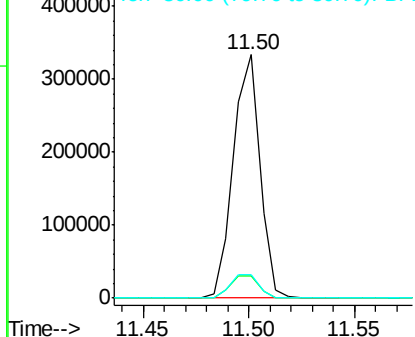
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.8	9.2	13.8

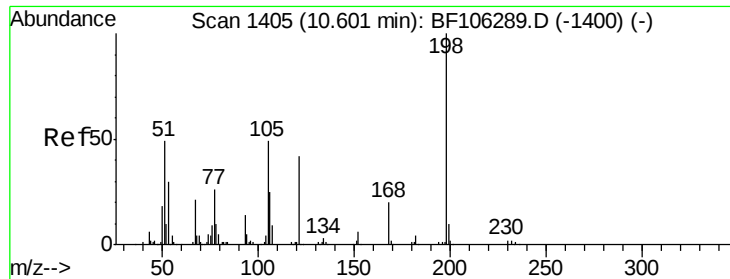


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

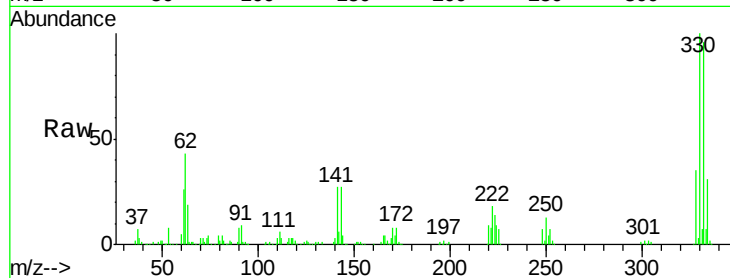




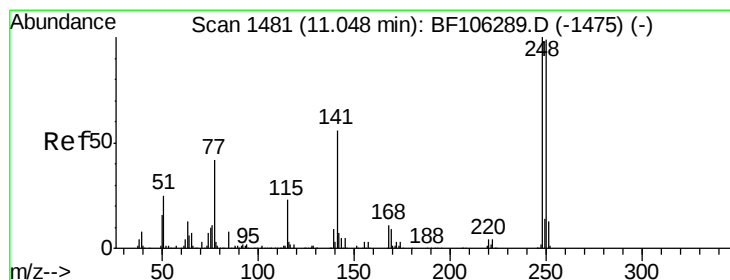
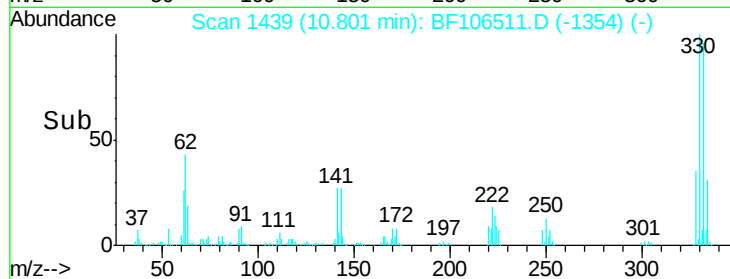
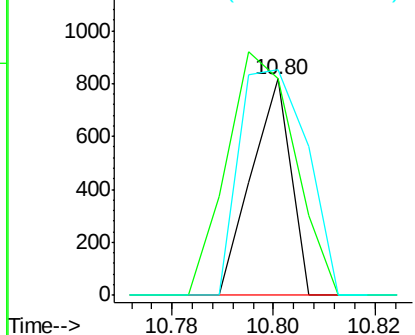
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.540 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106511.D
 Acq: 15 Jun 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-46COMP

Tgt Ion:198 Resp: 440
 Ion Ratio Lower Upper
 198 100
 51 100.0 37.7 77.7#
 105 104.2 36.3 76.3#

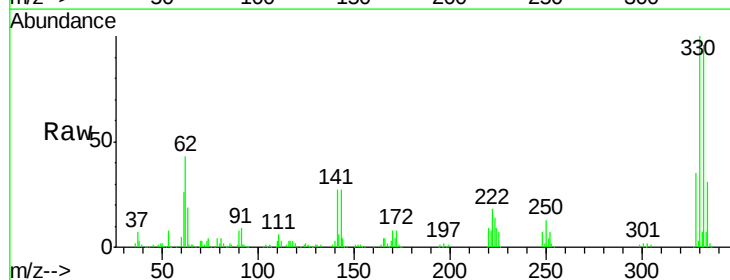


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

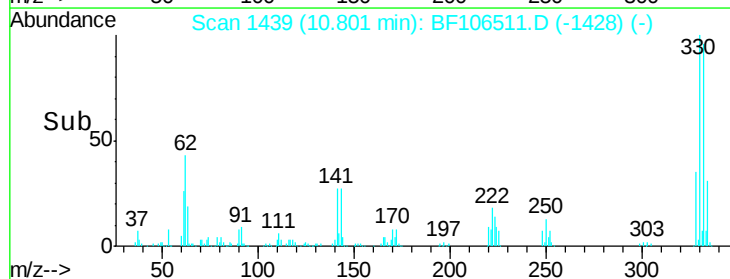
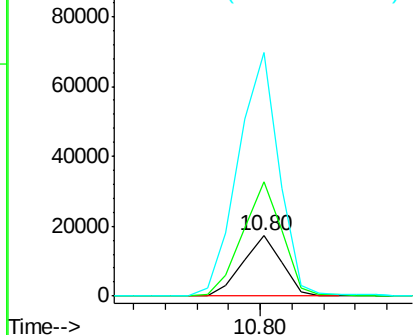


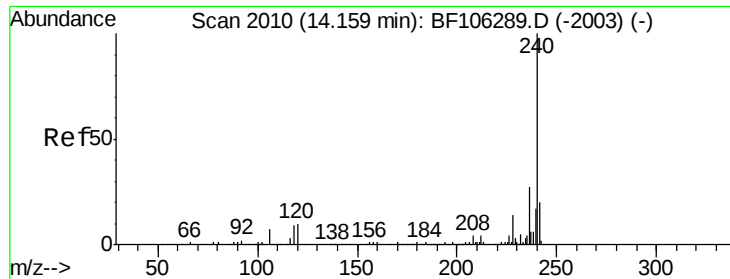
#66
 4-Bromophenyl-phenylether
 Concen: 4.463 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106511.D
 Acq: 15 Jun 2018 23:51

Tgt Ion:248 Resp: 14696
 Ion Ratio Lower Upper
 248 100
 250 190.8 76.9 115.3#
 141 404.5 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: BF106511.D

Acq: 15 Jun 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-46COMP

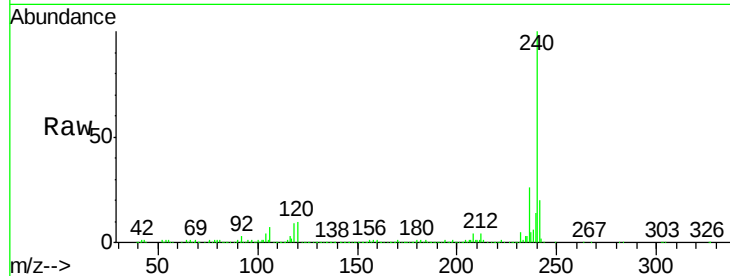
Tgt Ion:240 Resp: 285745

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

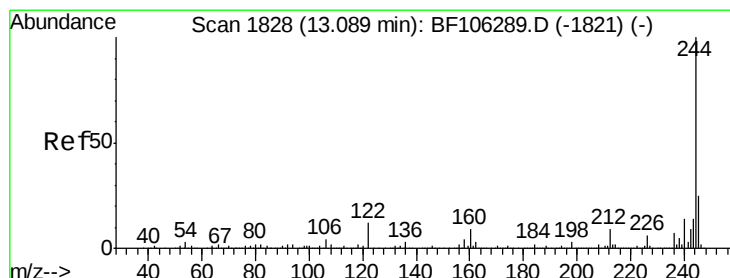
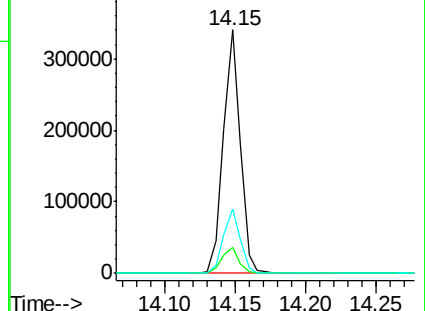
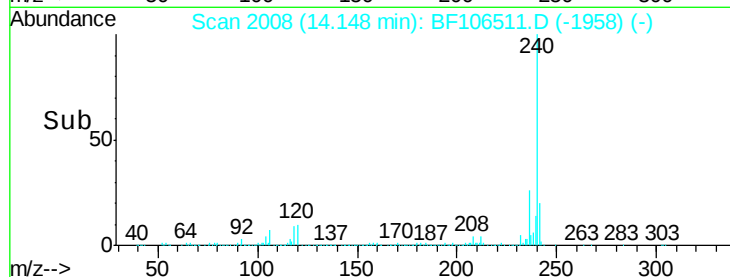
236 26.5 20.7 31.1



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: 80.993 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106511.D

Acq: 15 Jun 2018 23:51

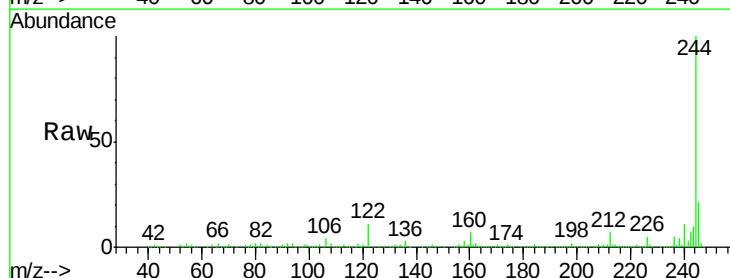
Tgt Ion:244 Resp: 931778

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

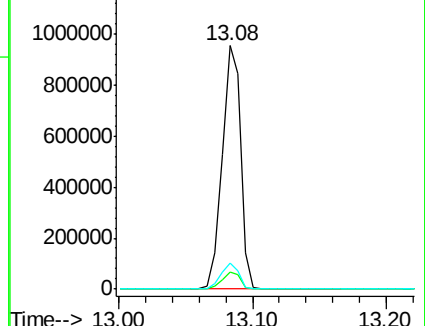
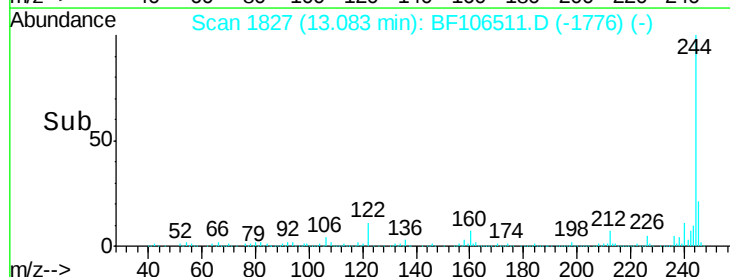
122 10.8 11.0 16.4#

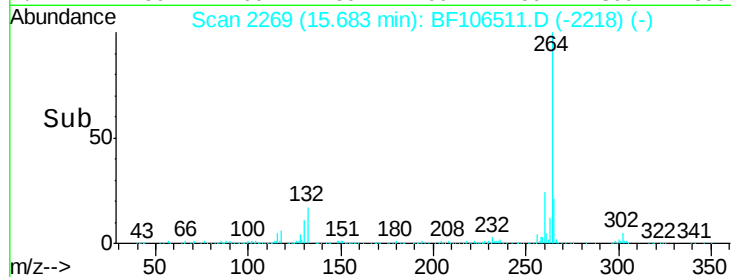
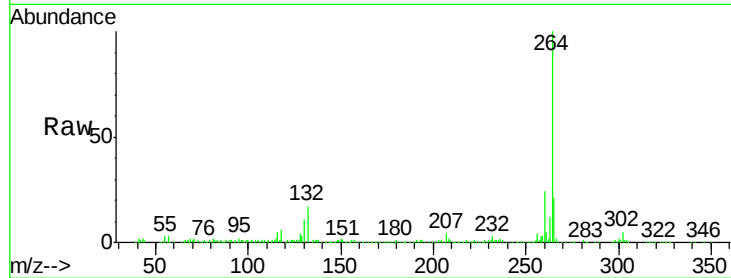
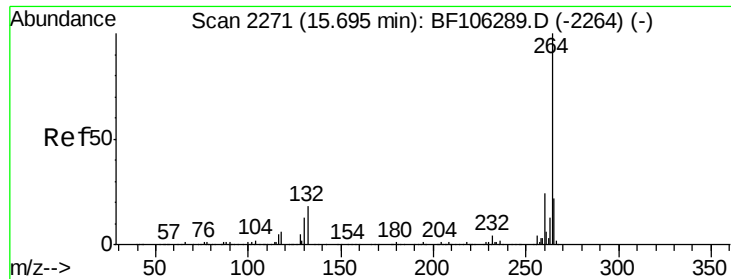


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.00 min

Lab File: BF106511.D

Acq: 15 Jun 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-46COMP

Tgt Ion: 264 Resp: 199182

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.0 17.5 26.3

