

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106309.D
 Acq On : 11 Jun 2018 21:49
 Operator : JU/SJ
 Sample : J3335-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-T0A-BAJA-S002-0001-03

Quant Time: Jun 12 01:45:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

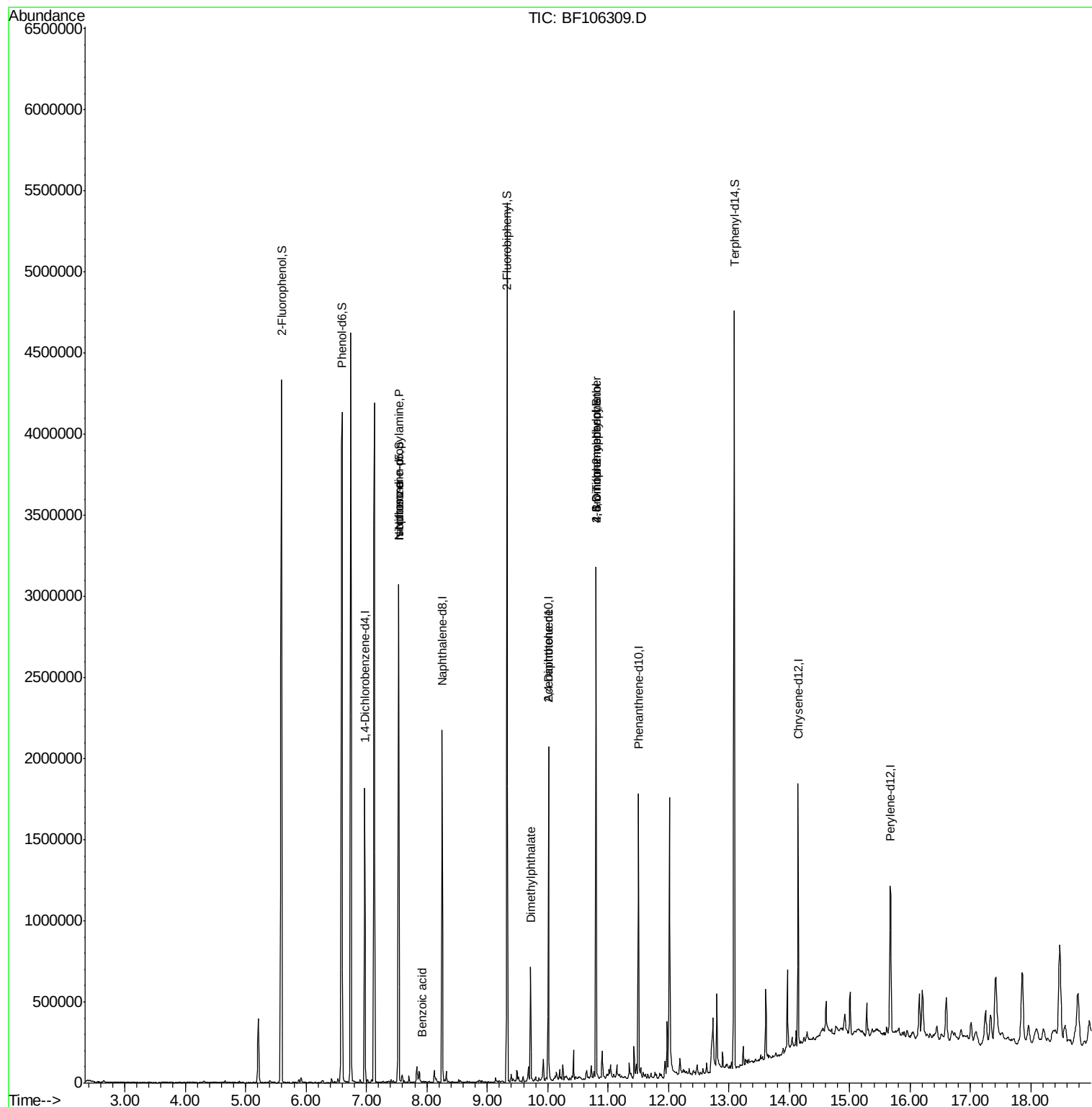
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	233595	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	827167	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	355071	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	576904	20.00	ng	0.00
75) Chrysene-d12	14.15	240	557268	20.00	ng	-0.01
86) Perylene-d12	15.67	264	427761	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1323292	95.88	ng	0.01
7) Phenol-d6	6.60	99	1637949	93.93	ng	0.00
23) Nitrobenzene-d5	7.54	82	1081961	76.95	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	378648	110.83	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1608120	78.47	ng	0.00
78) Terphenyl-d14	13.09	244	1559954	69.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	151652	11.592	ng	# 74
25) Isophorone	7.54	82	1081947	39.396	ng	# 64
32) Benzoic acid	7.92	122	337	7.322	ng	# 54
49) Dimethylphthalate	9.72	163	239318	9.434	ng	100
56) 2,4-Dinitrotoluene	10.01	165	45195	6.945	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	775	6.511	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	25229	3.845	ng	# 1

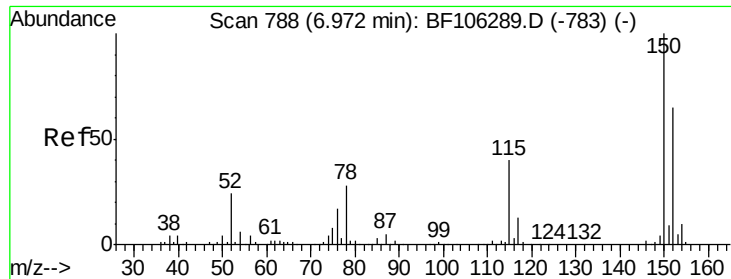
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
Data File : BF106309.D
Acq On : 11 Jun 2018 21:49
Operator : JU/SJ
Sample : J3335-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N-T0A-BAJA-S002-0001-03

Quant Time: Jun 12 01:45:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration



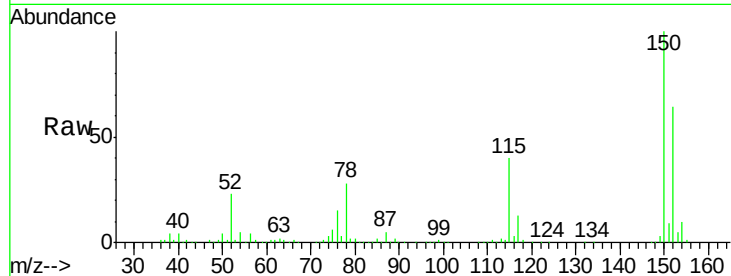


#1

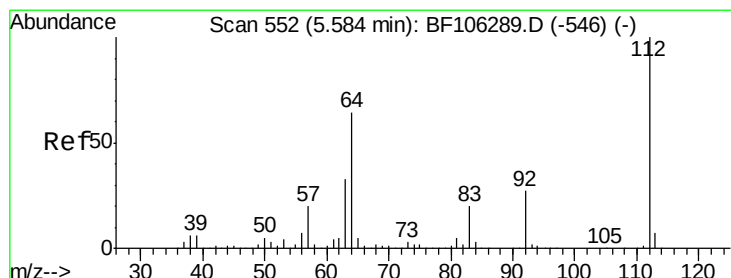
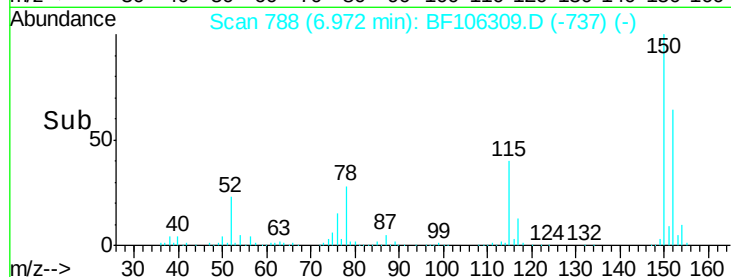
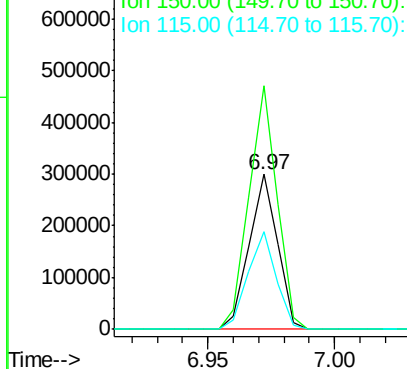
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106309.D
Acq: 11 Jun 2018 21:49

Instrument :
BNA_F
ClientSampleId :
N-T0A-BAJA-S002-0001-03

Tgt Ion:152 Resp: 233595
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 63.1 50.1 75.1



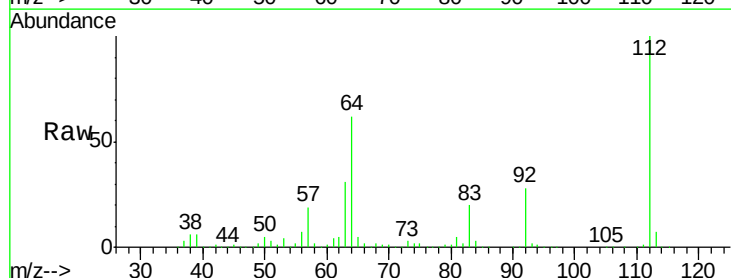
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



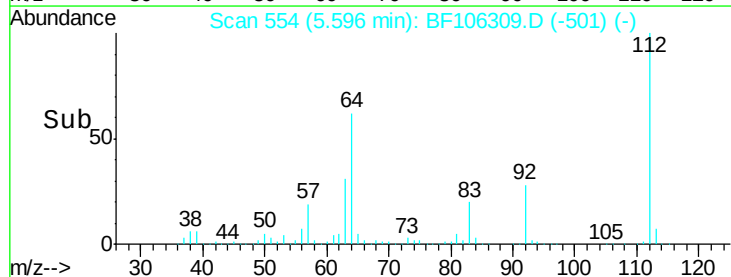
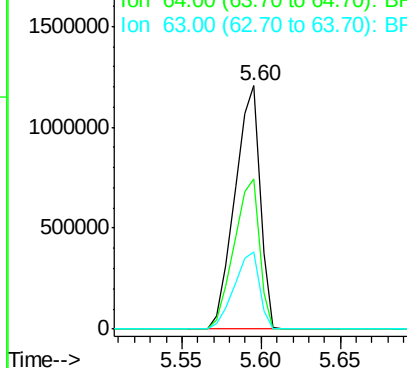
#5

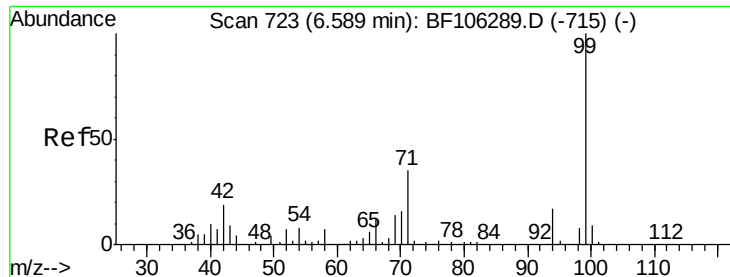
2-Fluorophenol
Concen: 95.878 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106309.D
Acq: 11 Jun 2018 21:49

Tgt Ion:112 Resp: 1323292
Ion Ratio Lower Upper
112 100
64 61.9 47.9 71.9
63 31.5 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: 93.934 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106309.D

Acq: 11 Jun 2018 21:49

Instrument :

BNA_F

ClientSampleId :

N-T0A-BAJA-S002-0001-03

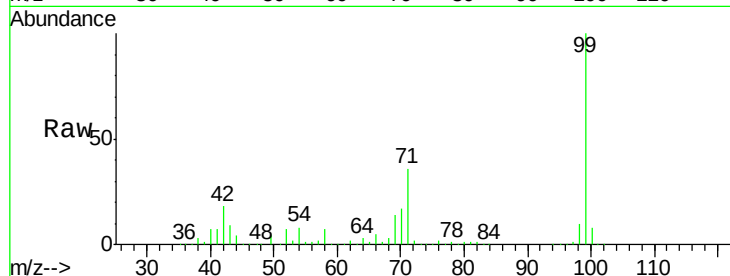
Tgt Ion: 99 Resp: 1637949

Ion Ratio Lower Upper

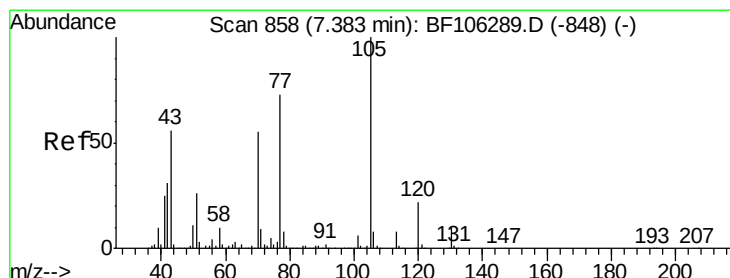
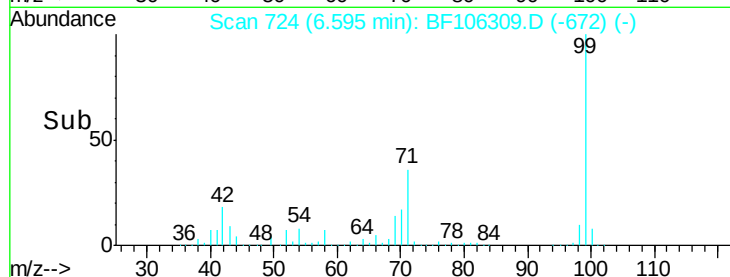
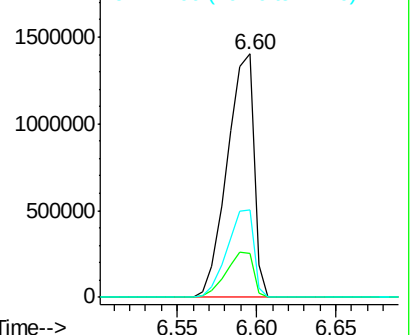
99 100

42 18.3 14.5 21.7

71 36.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.592 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF106309.D

Acq: 11 Jun 2018 21:49

Tgt Ion: 70 Resp: 151652

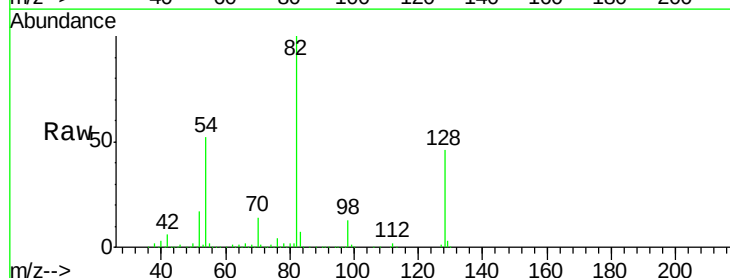
Ion Ratio Lower Upper

70 100

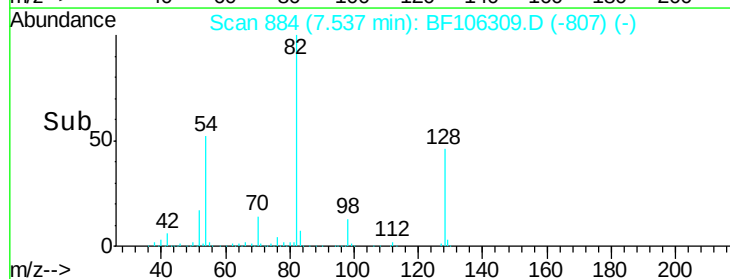
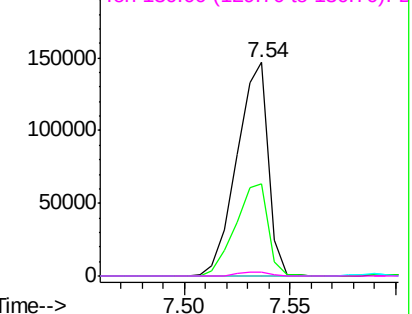
42 43.0 47.5 71.3#

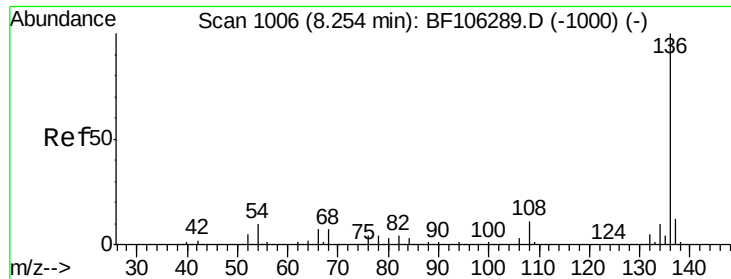
101 0.0 7.4 11.2#

130 2.0 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

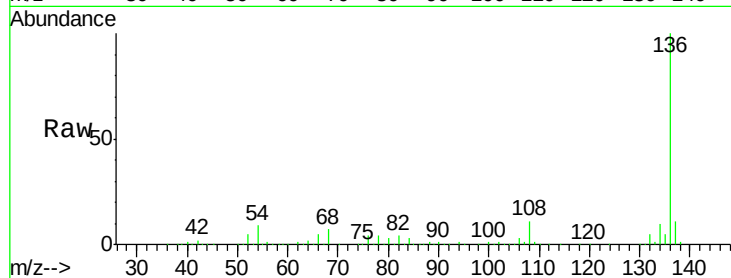




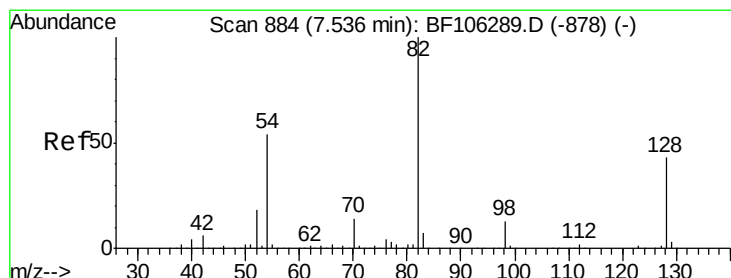
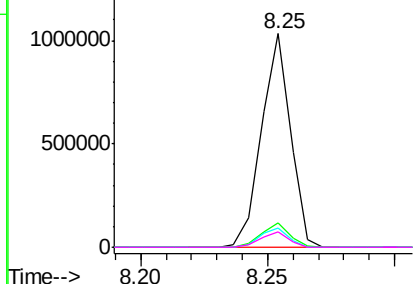
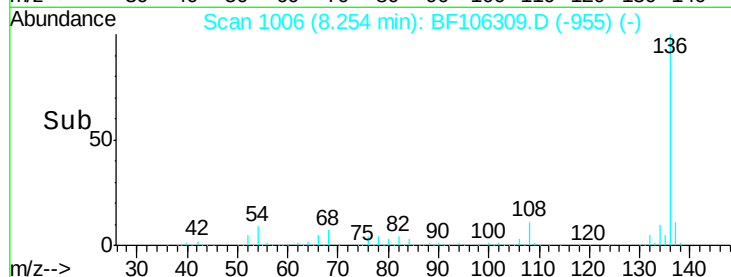
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106309.D
Acq: 11 Jun 2018 21:49

Instrument :
BNA_F
ClientSampleId :
N-T0A-BAJA-S002-0001-03

Tgt Ion:	136	Resp:	827167
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.9	6.6	9.8
68	7.3	5.0	7.4

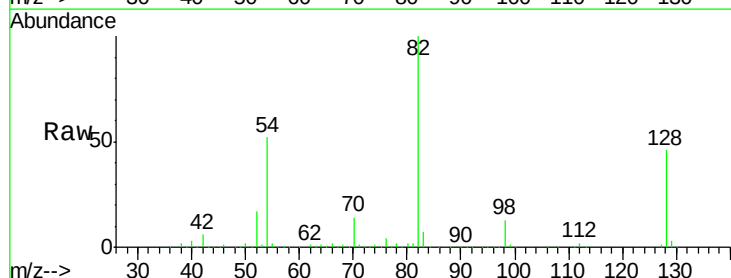


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

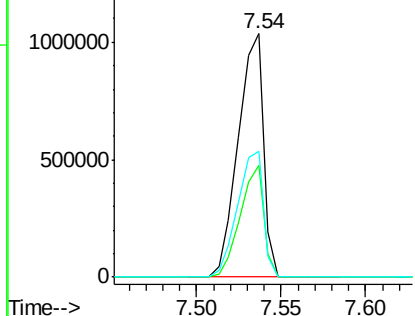
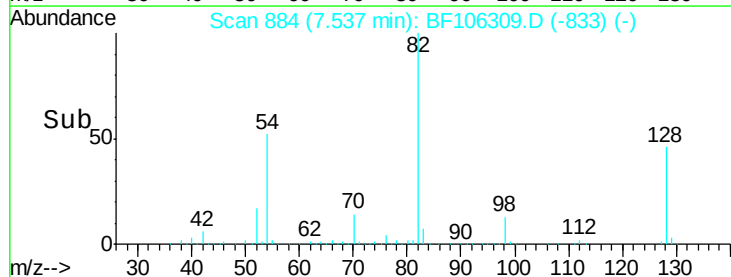


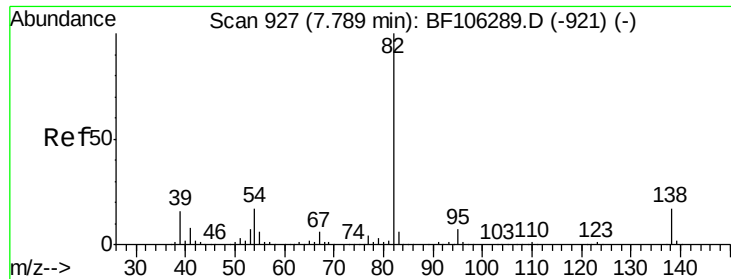
#23
Nitrobenzene-d5
Concen: 76.950 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106309.D
Acq: 11 Jun 2018 21:49

Tgt Ion:	82	Resp:	1081961
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	51.8	41.4	62.2



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





#25

Isophorone

Concen: 39.396 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.25 min

Lab File: BF106309.D

Acq: 11 Jun 2018 21:49

Instrument :

BNA_F

ClientSampleId :

N-T0A-BAJA-S002-0001-03

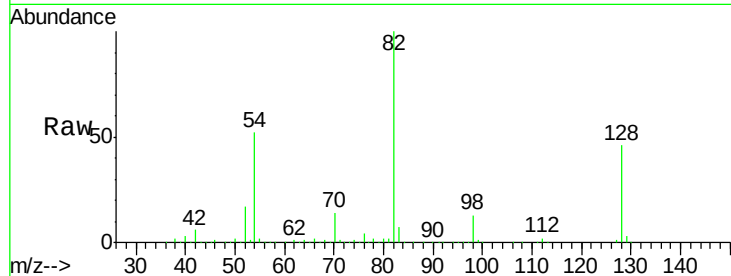
Tgt Ion: 82 Resp: 1081947

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

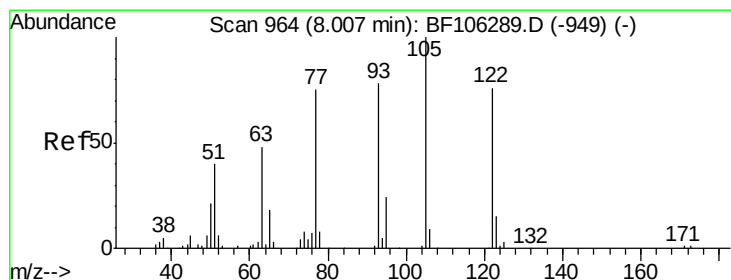
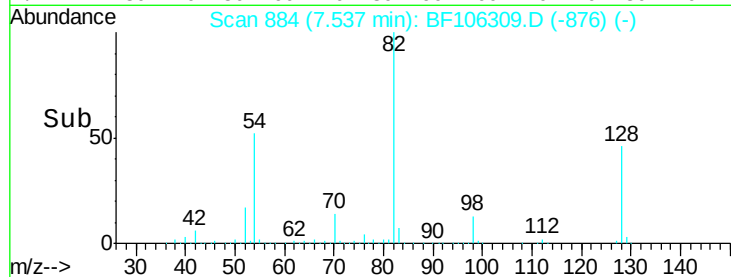
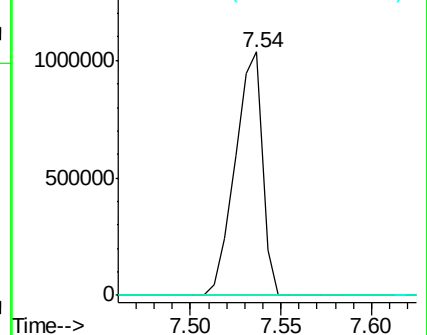
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 7.322 ng

RT: 7.92 min Scan# 949

Delta R.T. -0.09 min

Lab File: BF106309.D

Acq: 11 Jun 2018 21:49

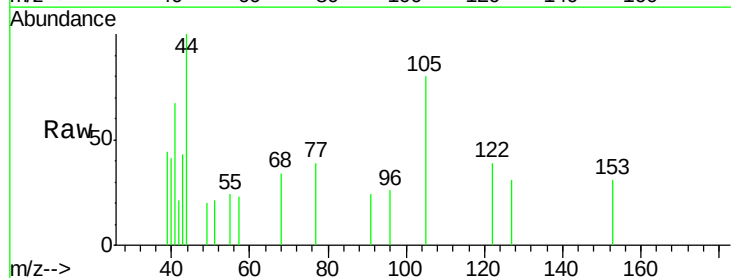
Tgt Ion: 122 Resp: 337

Ion Ratio Lower Upper

122 100

105 203.2 101.1 141.1#

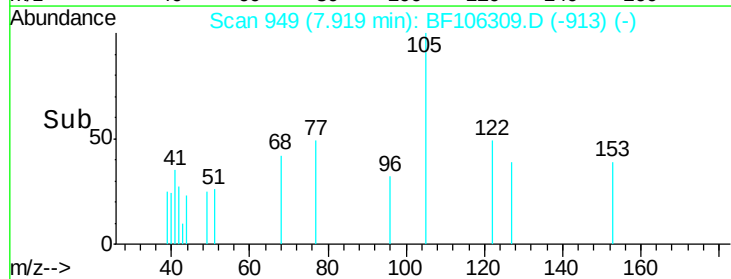
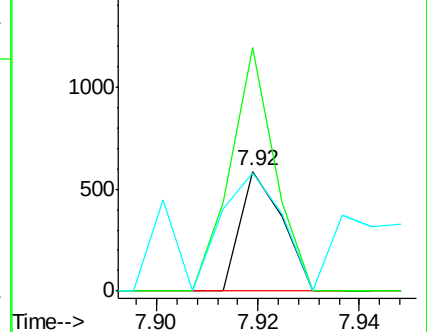
77 99.0 70.7 110.7

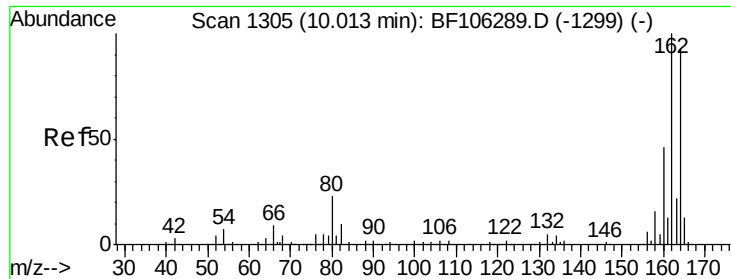


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF106309.D

Acq: 11 Jun 2018 21:49

Instrument :

BNA_F

ClientSampleId :

N-T0A-BAJA-S002-0001-03

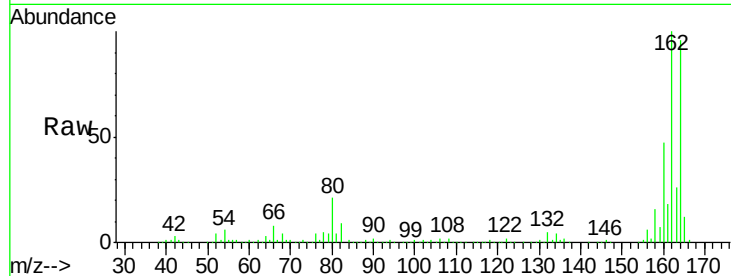
Tgt Ion:164 Resp: 355071

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

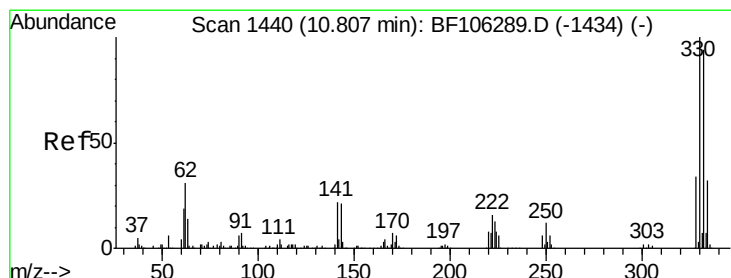
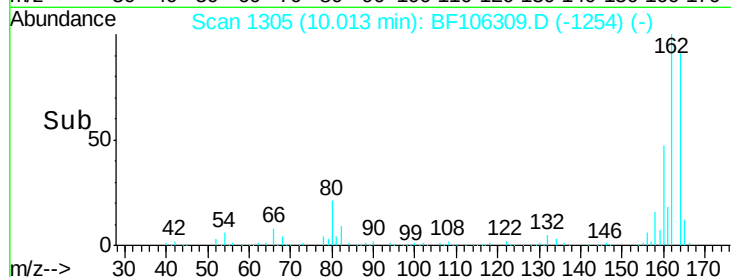
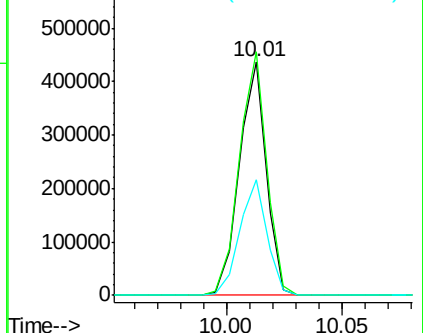
160 49.3 38.3 57.5



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: 110.833 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106309.D

Acq: 11 Jun 2018 21:49

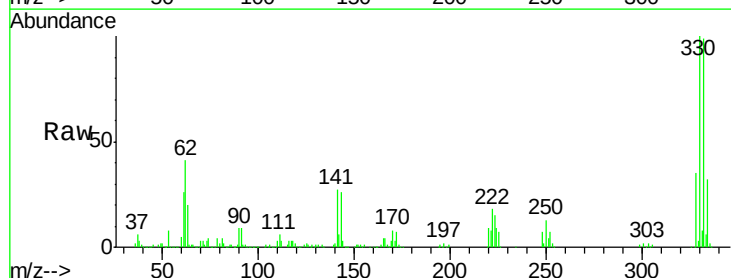
Tgt Ion:330 Resp: 378648

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

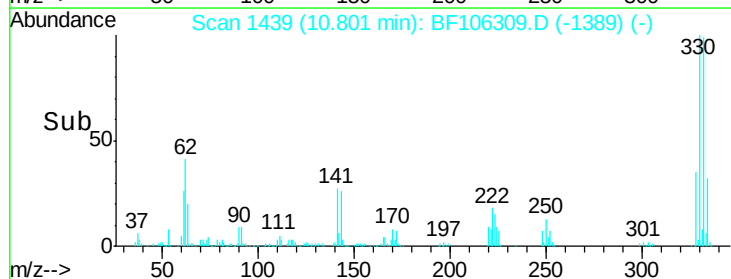
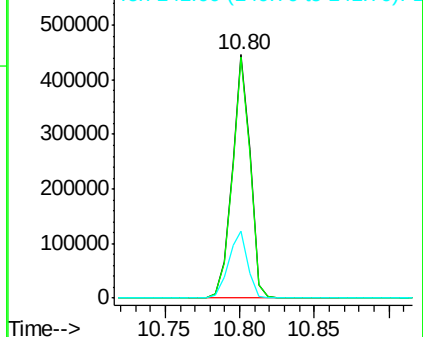
141 29.4 29.9 44.9#

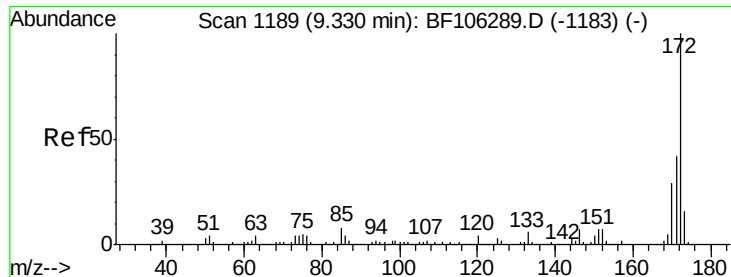


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

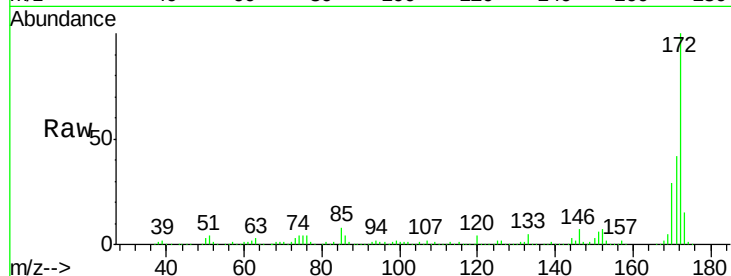




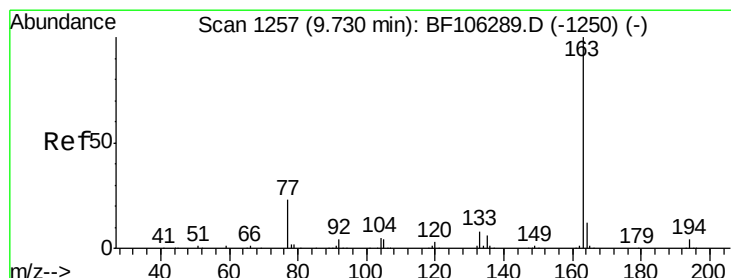
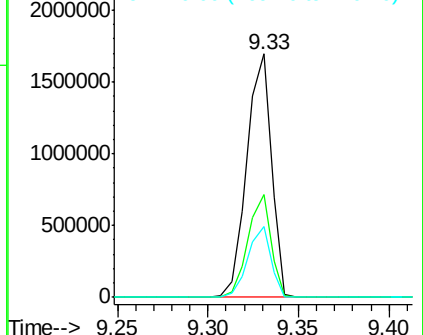
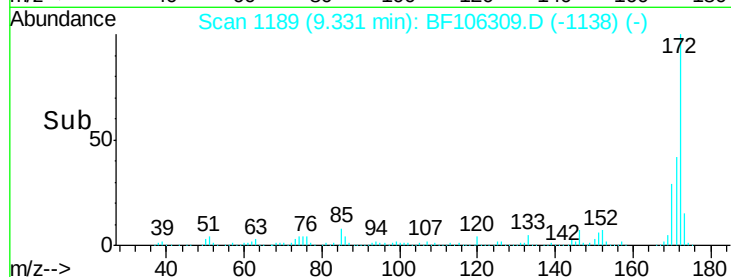
#44
 2-Fluorobiphenyl
 Concen: 78.472 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106309.D
 Acq: 11 Jun 2018 21:49

Instrument :
 BNA_F
 ClientSampleId :
 N-T0A-BAJA-S002-0001-03

Tgt Ion:172 Resp: 1608120
 Ion Ratio Lower Upper
 172 100
 171 42.1 29.7 44.5
 170 29.1 19.6 29.4

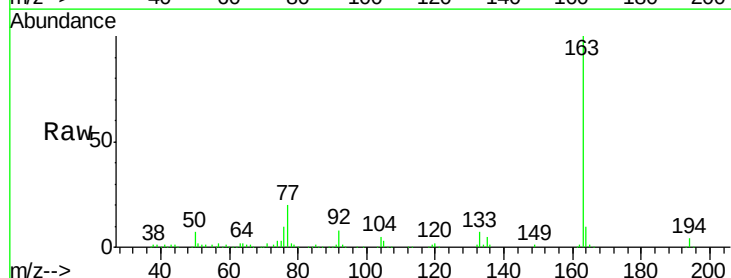


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

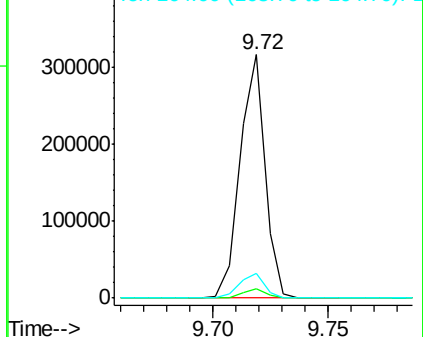
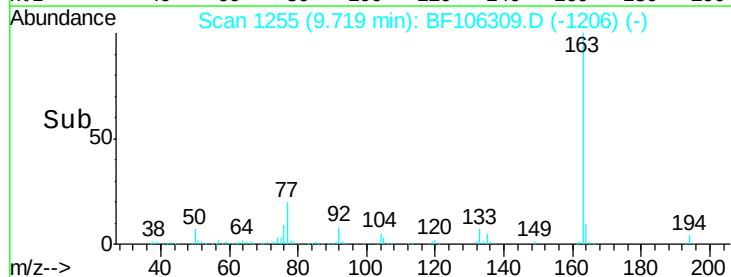


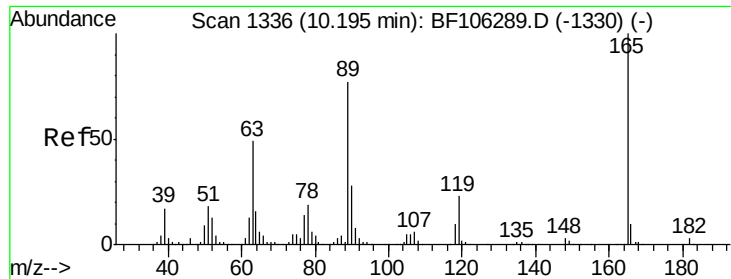
#49
 Dimethylphthalate
 Concen: 9.434 ng
 RT: 9.72 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF106309.D
 Acq: 11 Jun 2018 21:49

Tgt Ion:163 Resp: 239318
 Ion Ratio Lower Upper
 163 100
 194 3.9 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

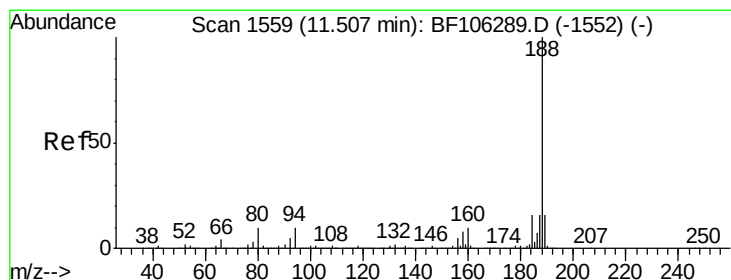
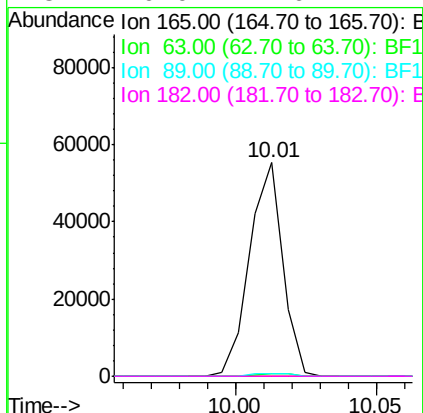
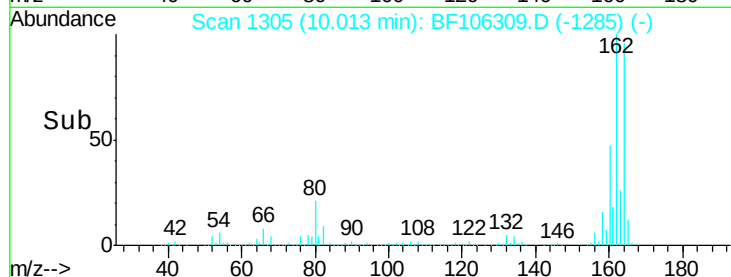
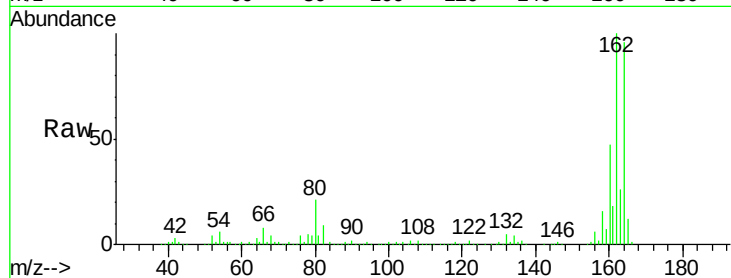




#56
2,4-Dinitrotoluene
Concen: 6.945 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106309.D
Acq: 11 Jun 2018 21:49

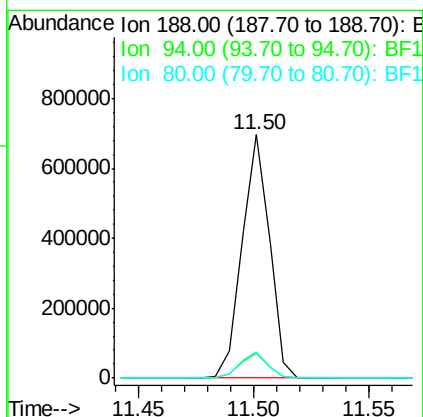
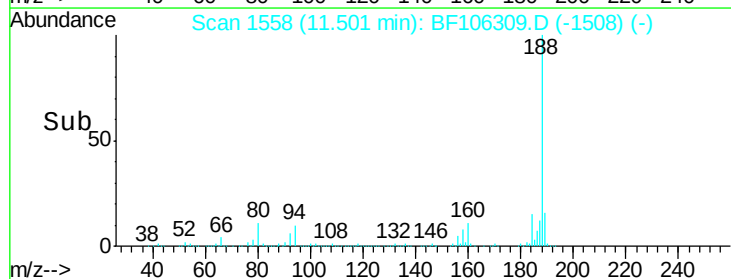
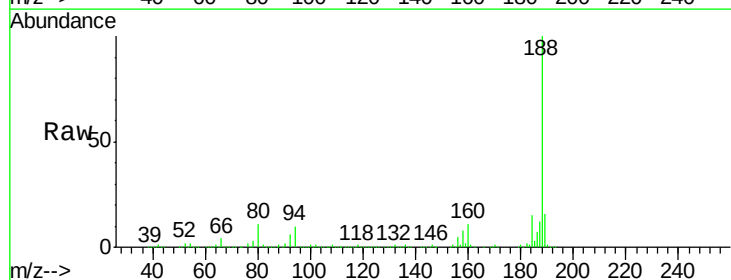
Instrument :
BNA_F
ClientSampleId :
N-T0A-BAJA-S002-0001-03

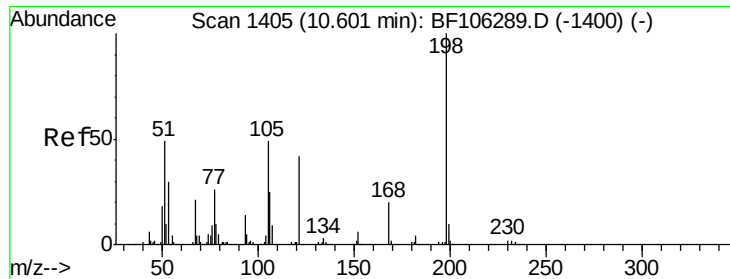
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106309.D
Acq: 11 Jun 2018 21:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.9	9.2	13.8

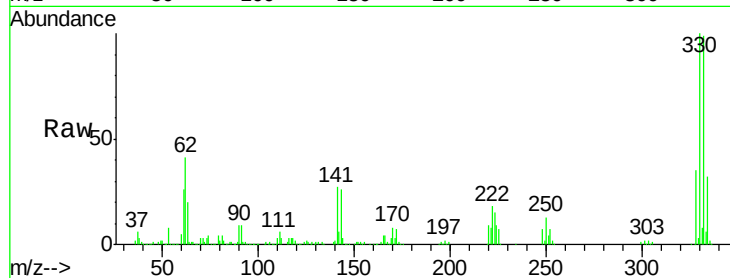




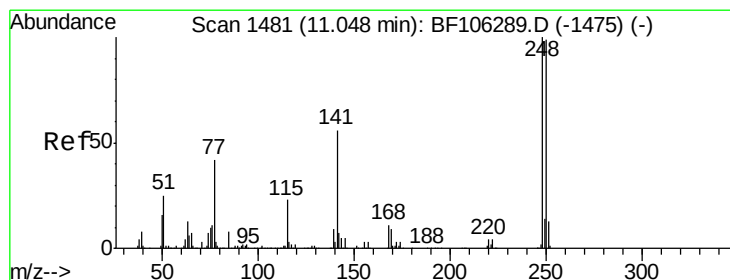
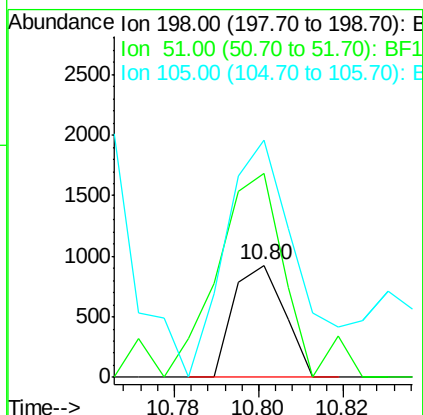
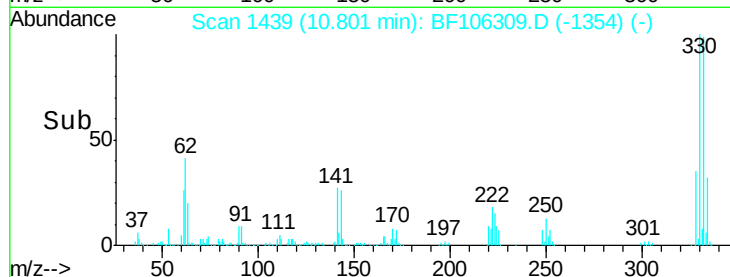
#64
4,6-Dinitro-2-methylphenol
Concen: 6.511 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106309.D
Acq: 11 Jun 2018 21:49

Instrument :
BNA_F
ClientSampleId :
N-T0A-BAJA-S002-0001-03

Tgt Ion:198 Resp: 775
Ion Ratio Lower Upper
198 100
51 182.0 37.7 77.7#
105 212.0 36.3 76.3#

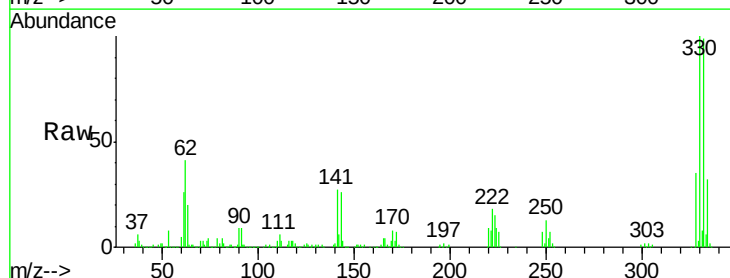


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

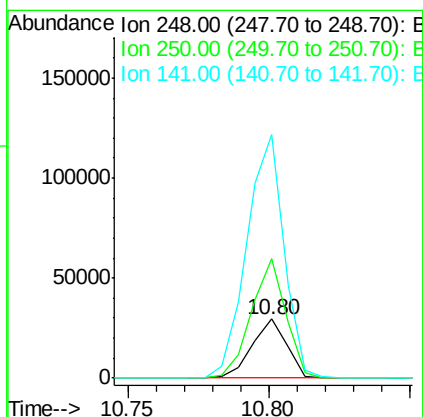
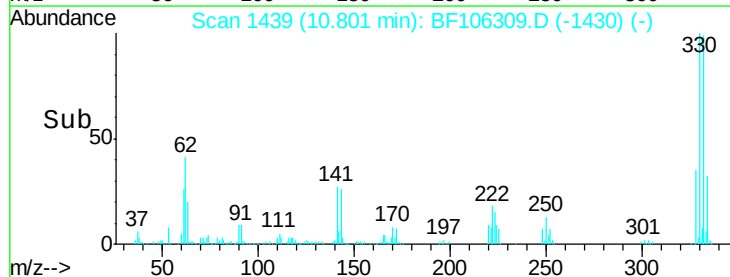


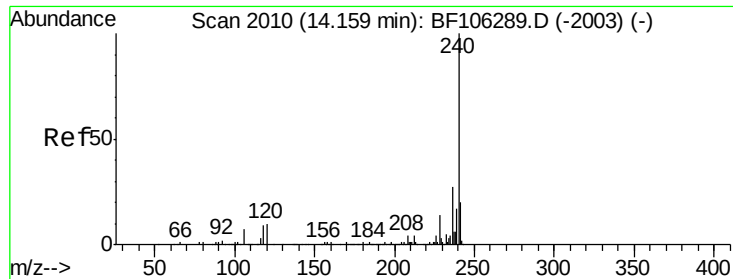
#66
4-Bromophenyl-phenylether
Concen: 3.845 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106309.D
Acq: 11 Jun 2018 21:49

Tgt Ion:248 Resp: 25229
Ion Ratio Lower Upper
248 100
250 201.8 76.9 115.3#
141 412.5 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: BF106309.D

Acq: 11 Jun 2018 21:49

Instrument :

BNA_F

ClientSampleId :

N-T0A-BAJA-S002-0001-03

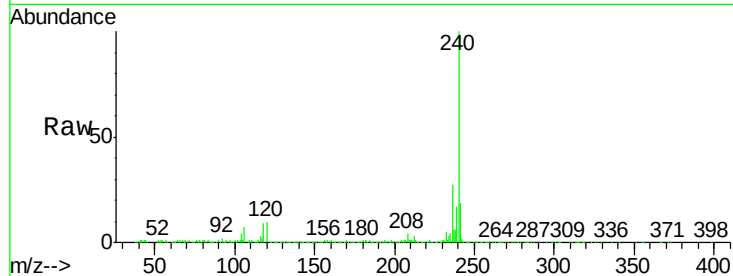
Tgt Ion:240 Resp: 557268

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

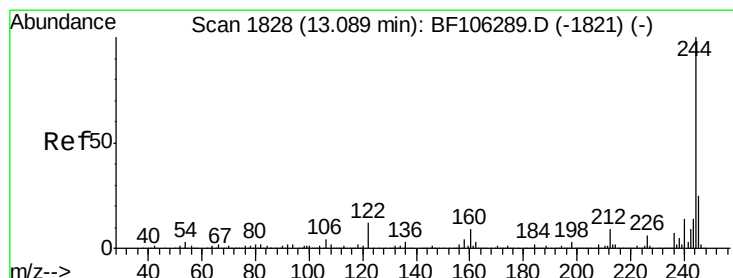
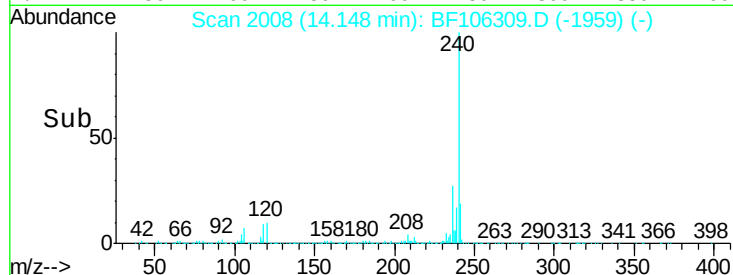
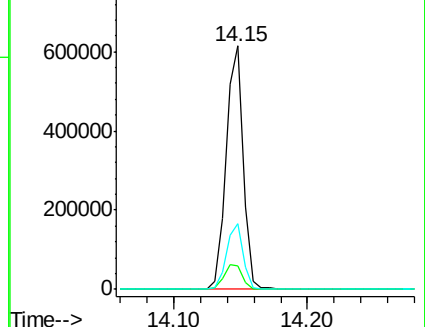
236 26.8 20.7 31.1



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: 69.528 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106309.D

Acq: 11 Jun 2018 21:49

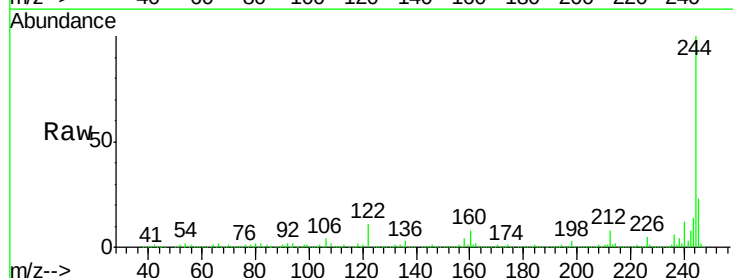
Tgt Ion:244 Resp: 1559954

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

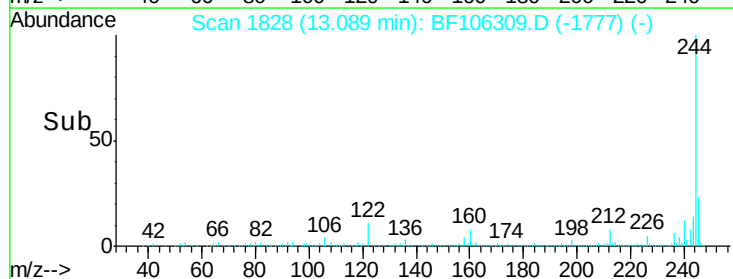
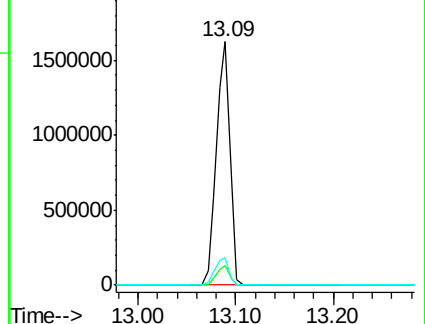
122 11.2 11.0 16.4

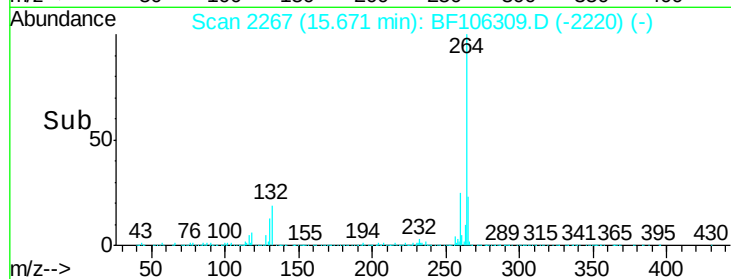
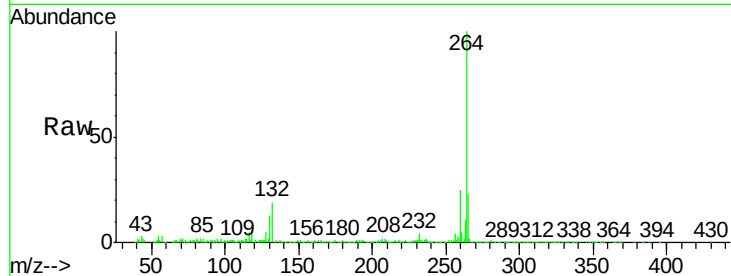
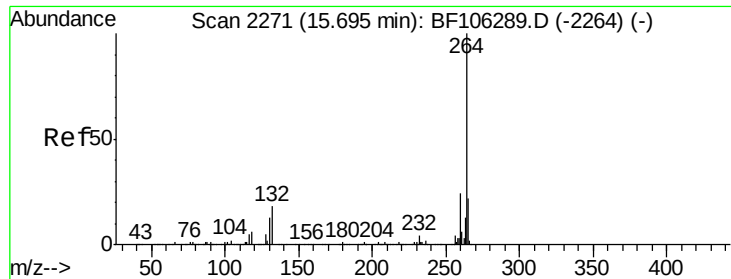


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF106309.D

Acq: 11 Jun 2018 21:49

Instrument :

BNA_F

ClientSampleId :

N-T0A-BAJA-S002-0001-03

Tgt Ion:264 Resp: 427761

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 23.1 17.5 26.3

