

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106506.D
 Acq On : 15 Jun 2018 21:38
 Operator : JU/SJ
 Sample : J3512-01 100X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FADW4710L

Quant Time: Jun 15 23:00:04 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

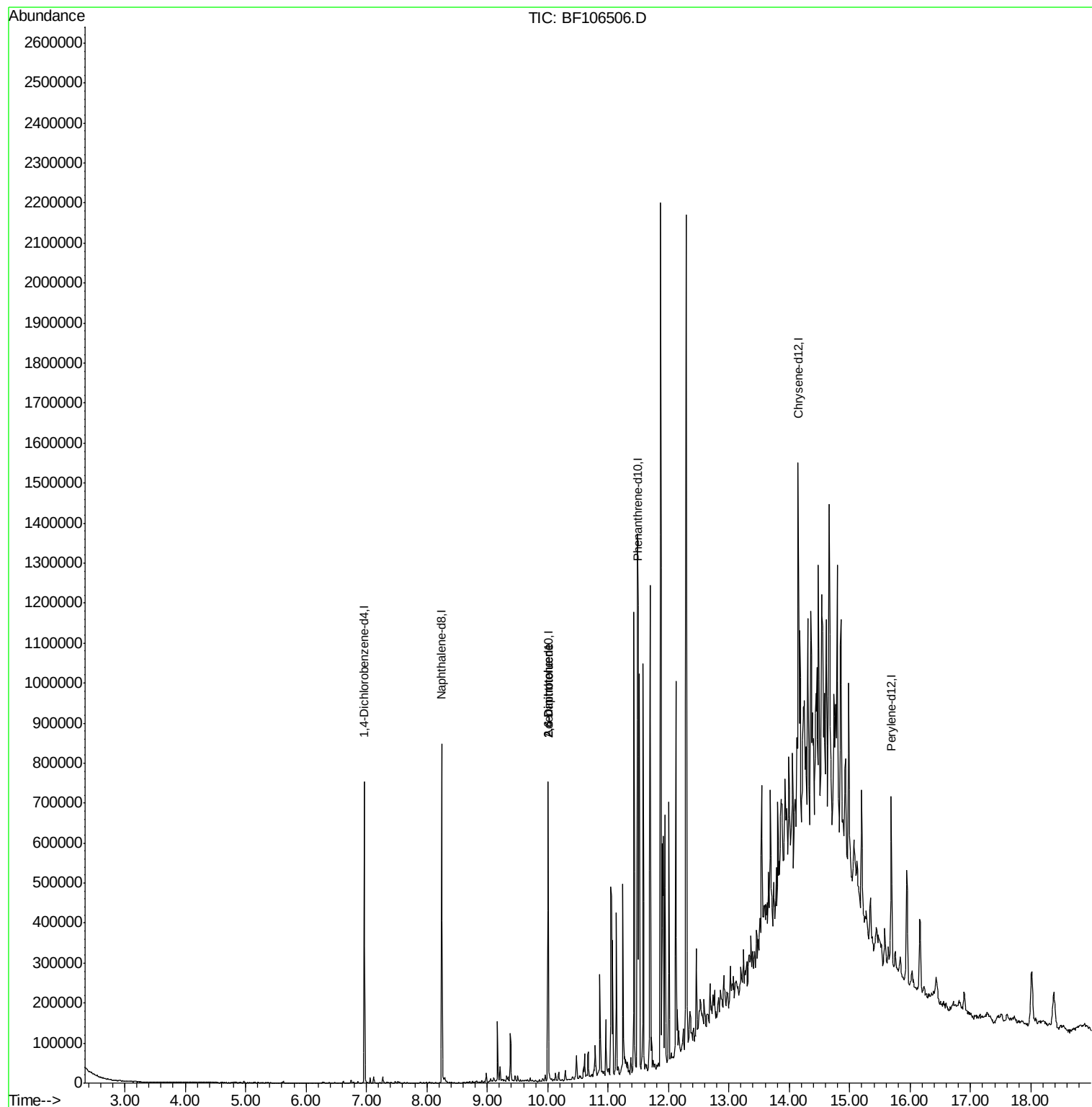
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	98047	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	336258	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	137500	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	255327	20.00	ng	0.00
75) Chrysene-d12	14.15	240	283940	20.00	ng	0.00
86) Perylene-d12	15.69	264	211946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1142	0.20	ng	0.01
7) Phenol-d6	6.62	99	932	0.13	ng	0.00
23) Nitrobenzene-d5	7.52	82	1895	0.33	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	851	0.64	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	5582	-1.00	ng	0.00
78) Terphenyl-d14	13.08	244	7205	0.63	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	10.01	165	16856	8.400	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	16856	6.689	ng	# 23

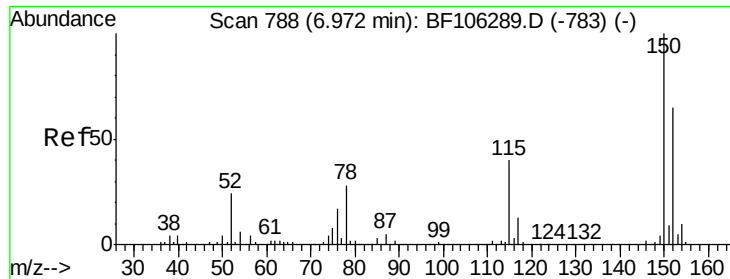
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF106506.D

Acq: 15 Jun 2018 21:38

Instrument :

BNA_F

ClientSampleId :

FADW4710L

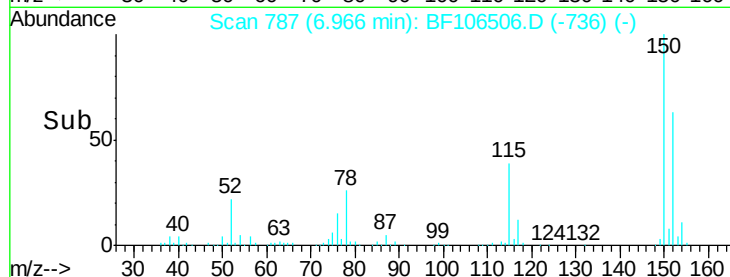
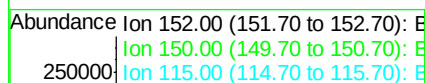
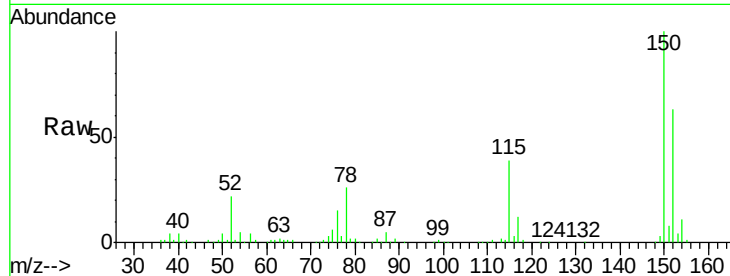
Tgt Ion:152 Resp: 98047

Ion Ratio Lower Upper

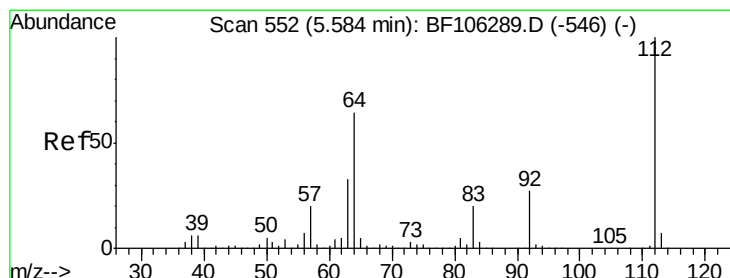
152 100

150 159.2 124.6 186.8

115 61.4 50.1 75.1



Time-->



#5

2-Fluorophenol

Concen: 0.197 ng

RT: 5.62 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF106506.D

Acq: 15 Jun 2018 21:38

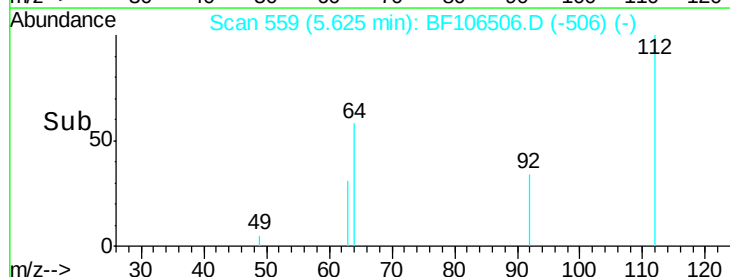
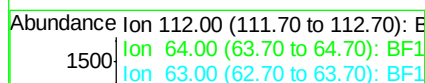
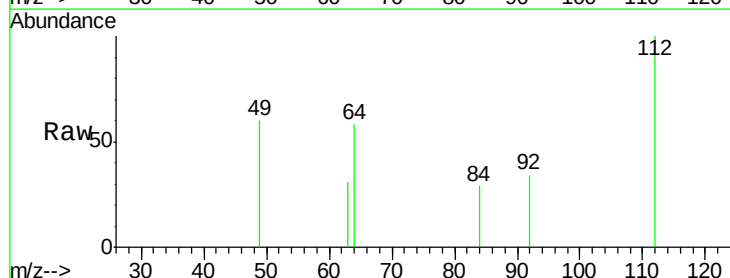
Tgt Ion:112 Resp: 1142

Ion Ratio Lower Upper

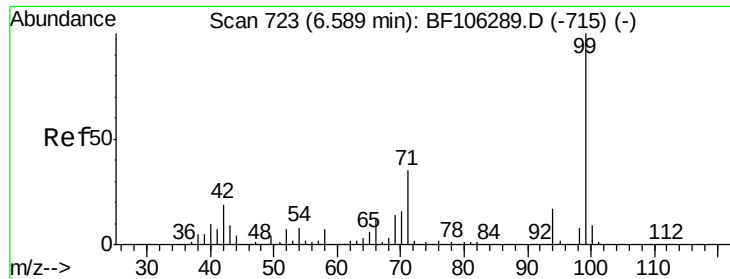
112 100

64 58.3 47.9 71.9

63 31.5 23.7 35.5



Time-->



#7

Phenol-d6

Concen: 0.127 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF106506.D

Acq: 15 Jun 2018 21:38

Instrument :

BNA_F

ClientSampleId :

FADW4710L

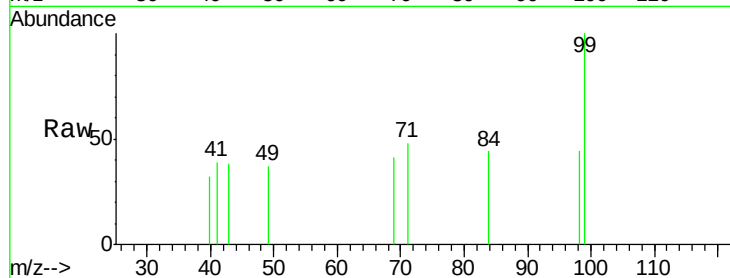
Tgt Ion: 99 Resp: 932

Ion Ratio Lower Upper

99 100

42 0.0 14.5 21.7#

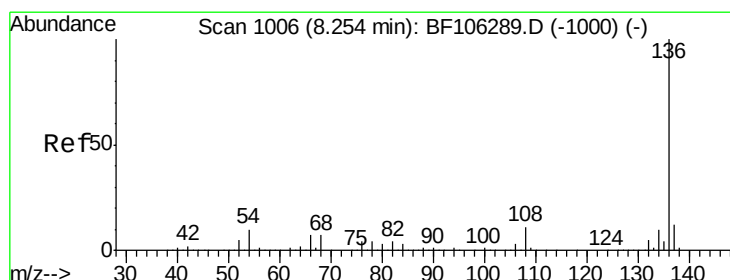
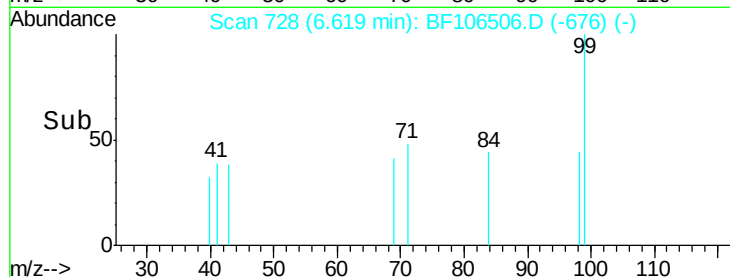
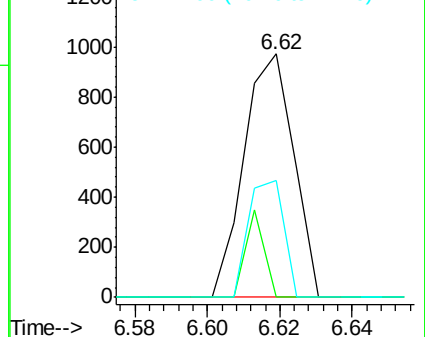
71 48.0 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106506.D

Acq: 15 Jun 2018 21:38

Tgt Ion: 136 Resp: 336258

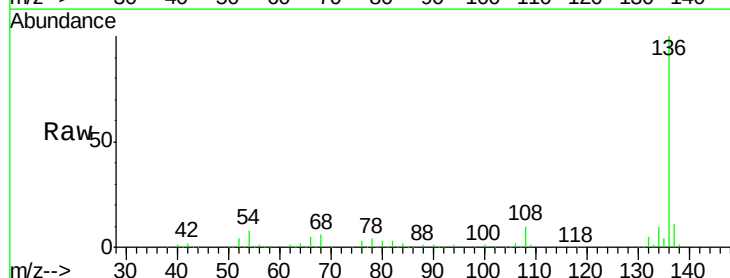
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.5 6.6 9.8

68 6.3 5.0 7.4

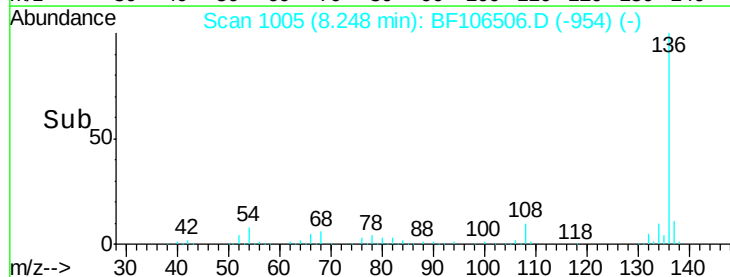
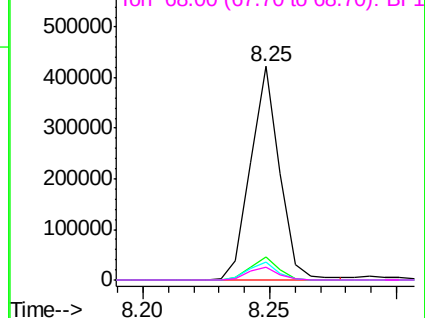


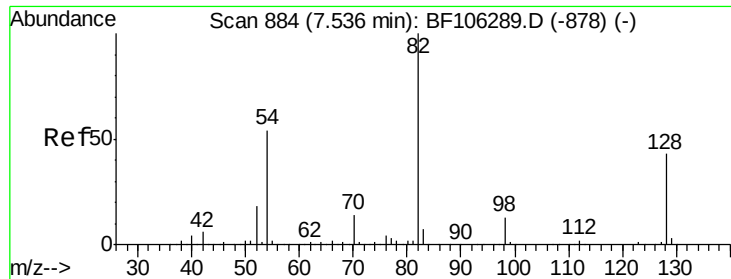
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.332 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106506.D

Acq: 15 Jun 2018 21:38

Instrument :

BNA_F

ClientSampleId :

FADW4710L

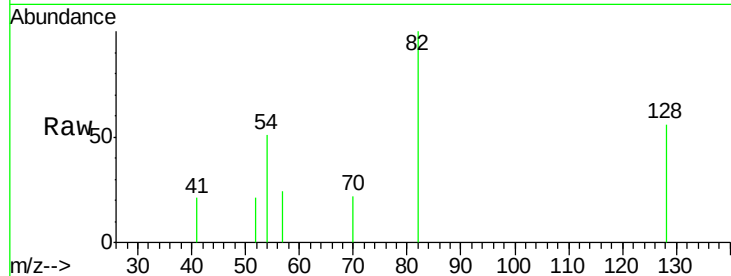
Tgt Ion: 82 Resp: 1895

Ion Ratio Lower Upper

82 100

128 55.8 36.1 54.1#

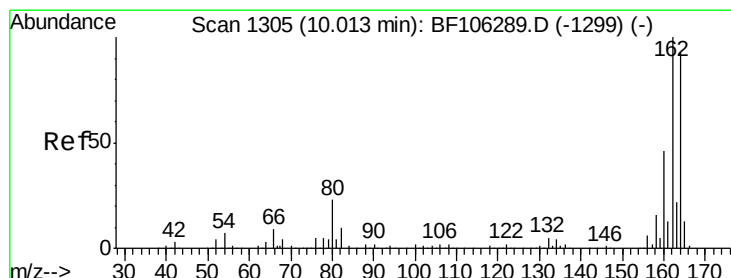
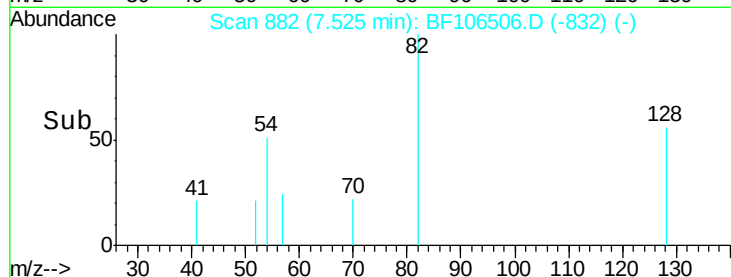
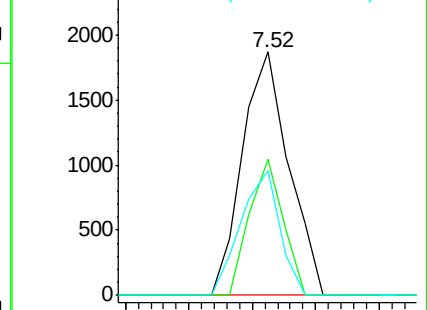
54 51.0 41.4 62.2



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106506.D

Acq: 15 Jun 2018 21:38

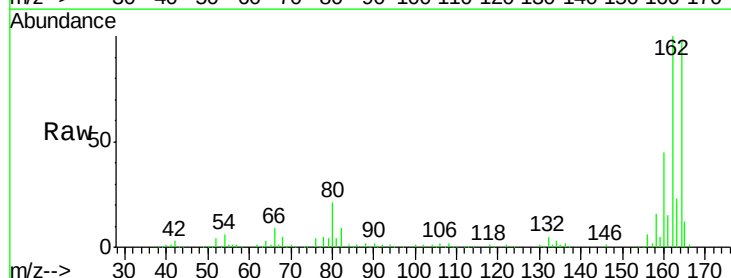
Tgt Ion: 164 Resp: 137500

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

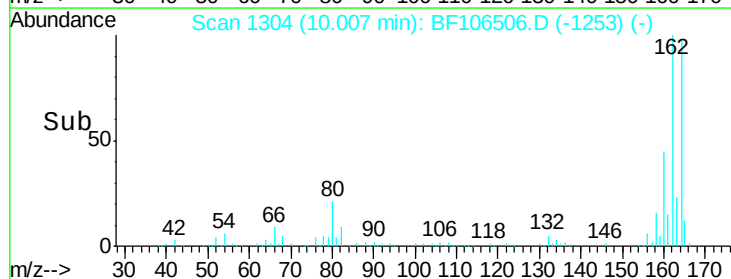
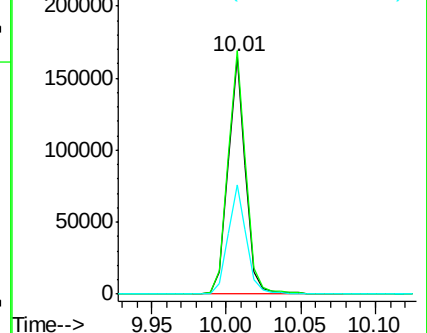
160 45.7 38.3 57.5

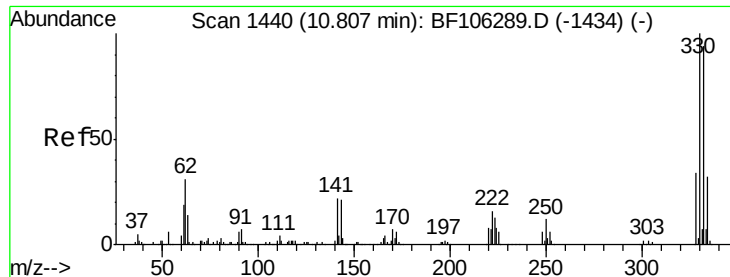


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

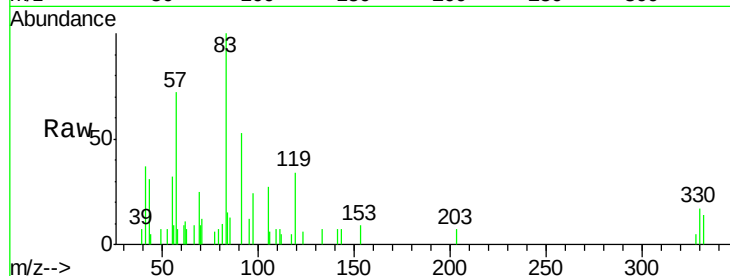




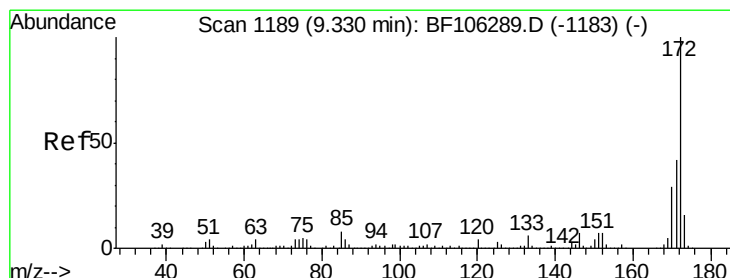
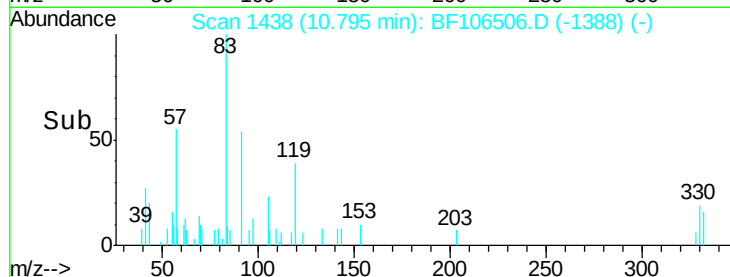
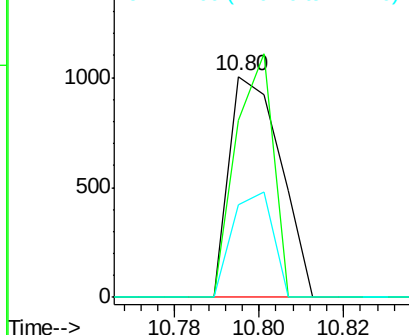
#41
 2,4,6-Tribromophenol
 Concen: 0.643 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106506.D
 Acq: 15 Jun 2018 21:38

Instrument :
 BNA_F
 ClientSampled :
 FADW4710L

Tgt Ion: 330 Resp: 851
 Ion Ratio Lower Upper
 330 100
 332 79.3 77.0 115.6
 141 37.4 29.9 44.9

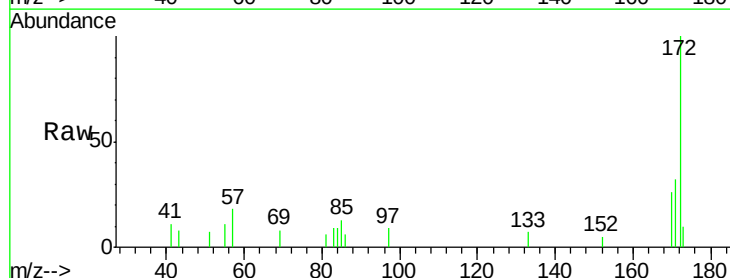


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

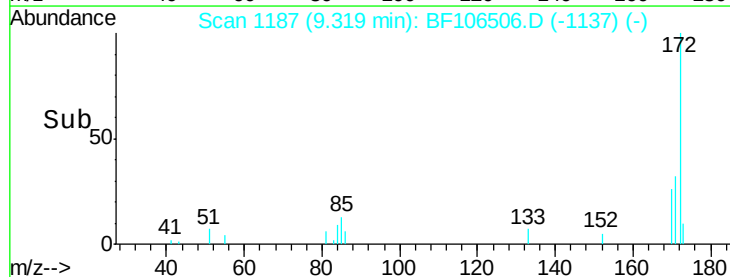
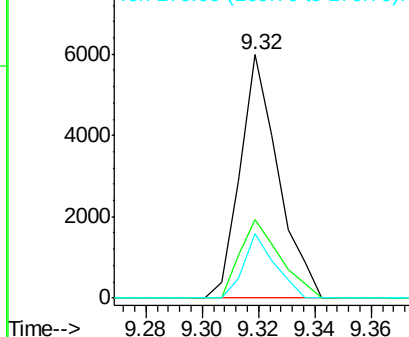


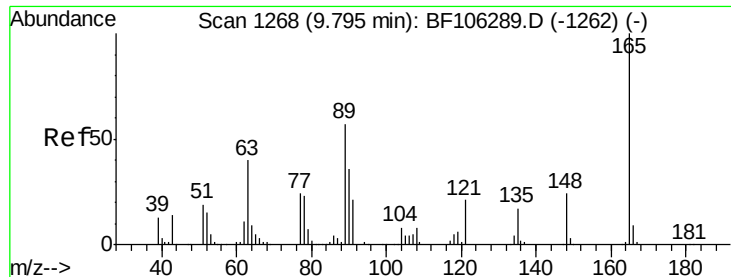
#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106506.D
 Acq: 15 Jun 2018 21:38

Tgt Ion: 172 Resp: 5582
 Ion Ratio Lower Upper
 172 100
 171 32.0 29.7 44.5
 170 26.3 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

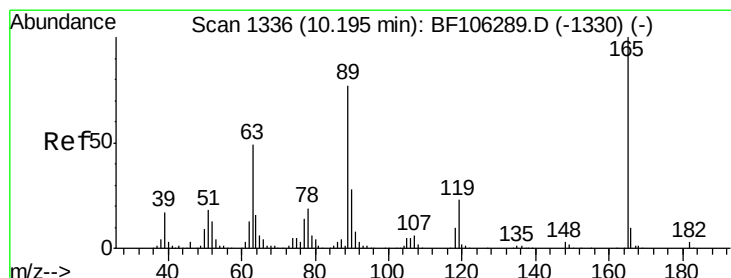
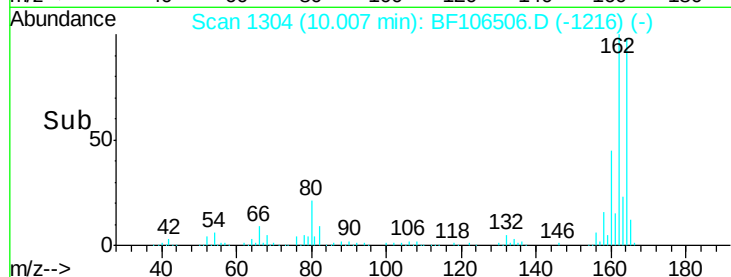
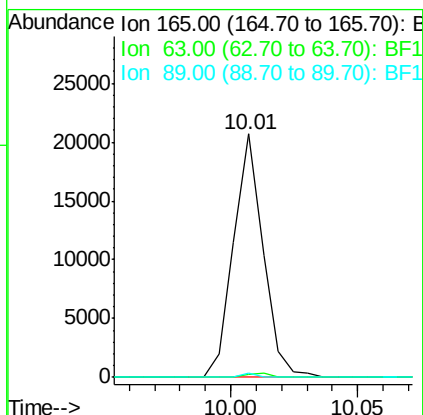
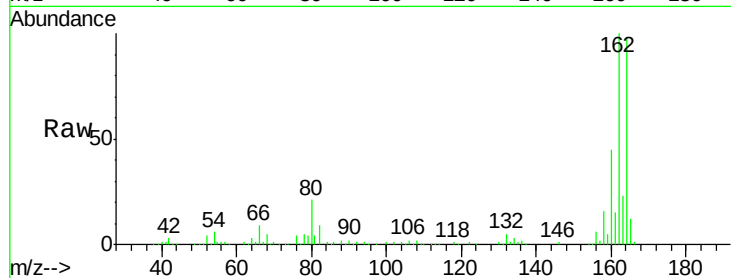




#50
 2,6-Dinitrotoluene
 Concen: 8.400 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.22 min
 Lab File: BF106506.D
 Acq: 15 Jun 2018 21:38

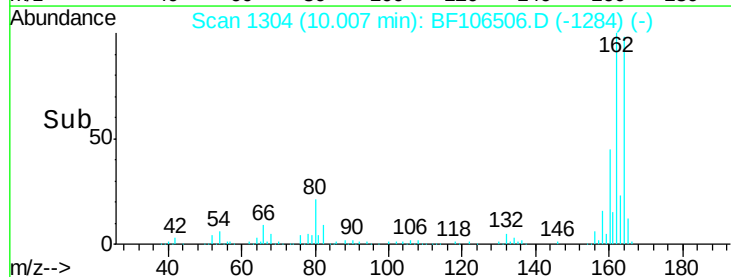
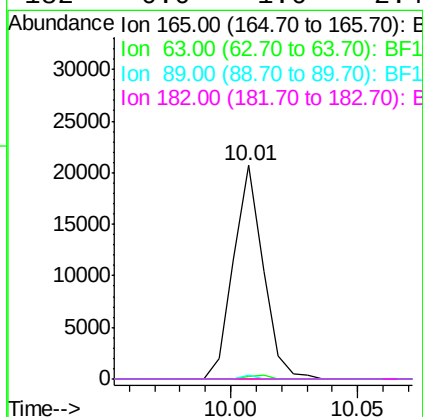
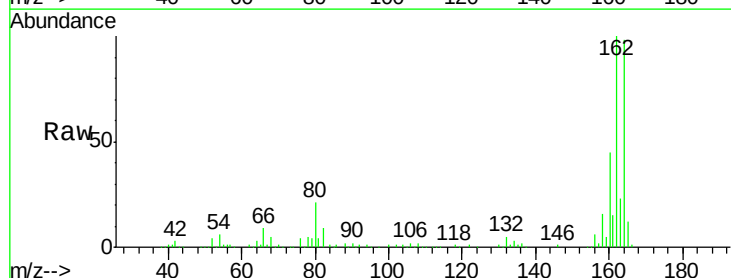
Instrument :
 BNA_F
 ClientSampleId :
 FADW4710L

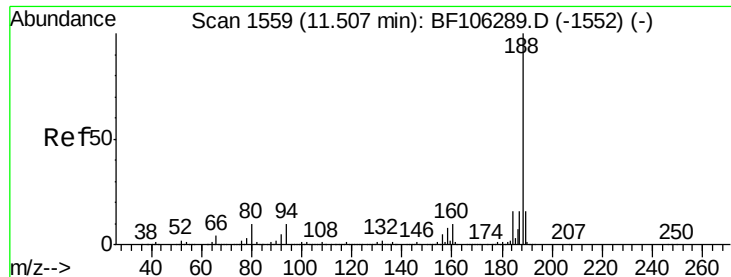
Tgt Ion:165 Resp: 16856
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.7 67.1#
 89 1.7 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.689 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.18 min
 Lab File: BF106506.D
 Acq: 15 Jun 2018 21:38

Tgt Ion:165 Resp: 16856
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.7 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. 0.00 min

Lab File: BF106506.D

Acq: 15 Jun 2018 21:38

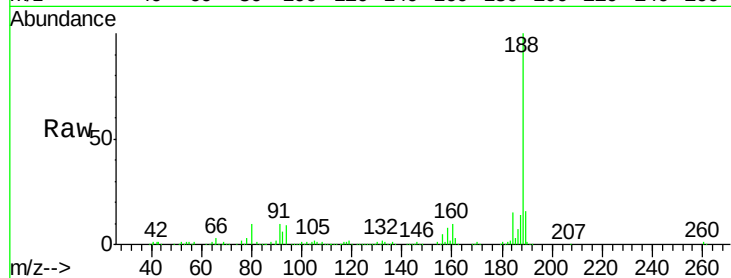
Instrument :

BNA_F

ClientSampleId :

FADW4710L

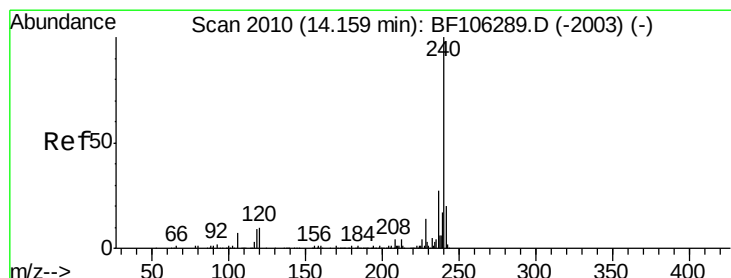
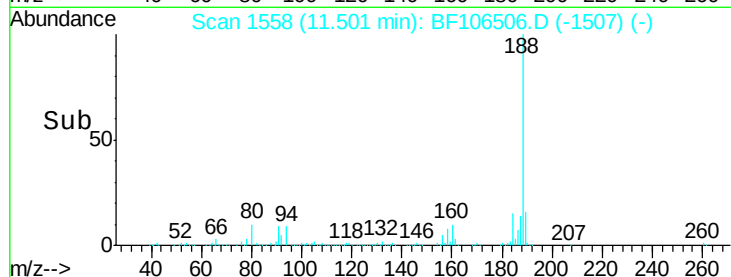
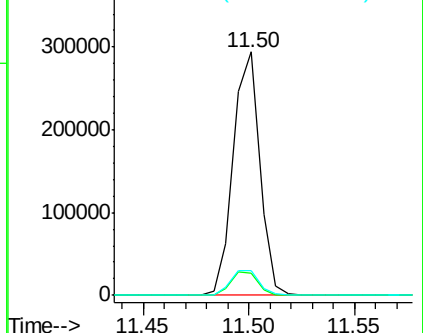
Tgt Ion:	188	Resp:	255327
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.9	9.2	13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

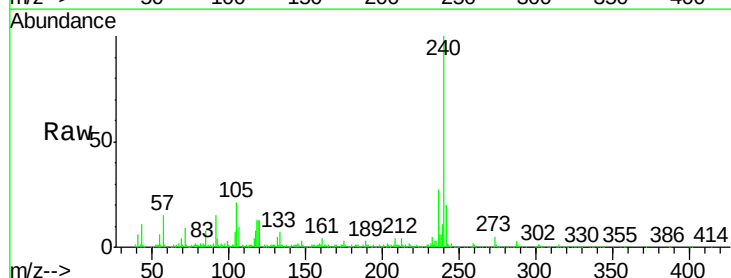
RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106506.D

Acq: 15 Jun 2018 21:38

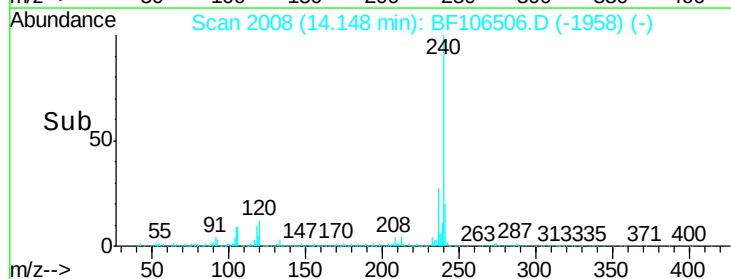
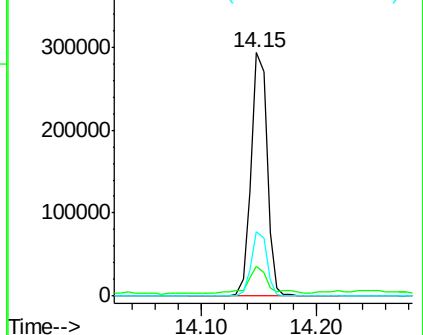
Tgt Ion:	240	Resp:	283940
Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.7	20.7	31.1

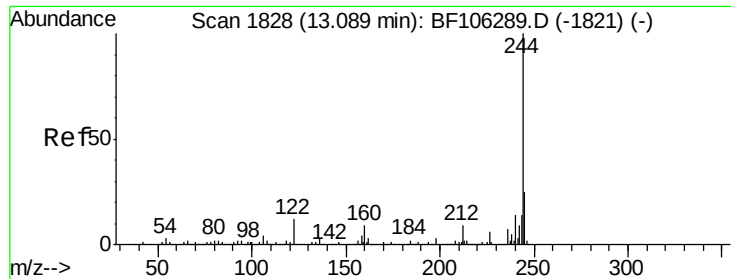


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

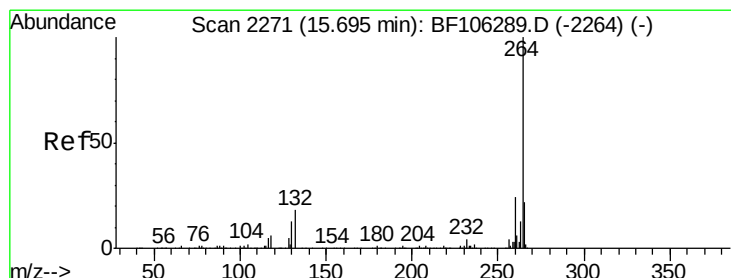
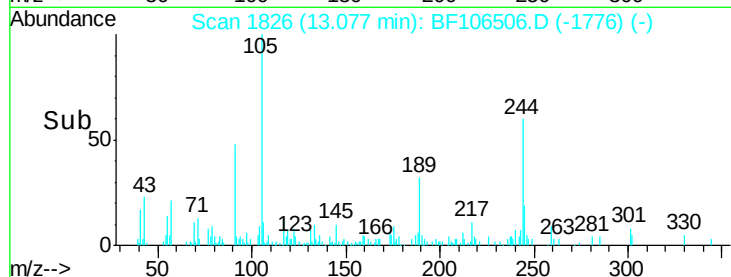
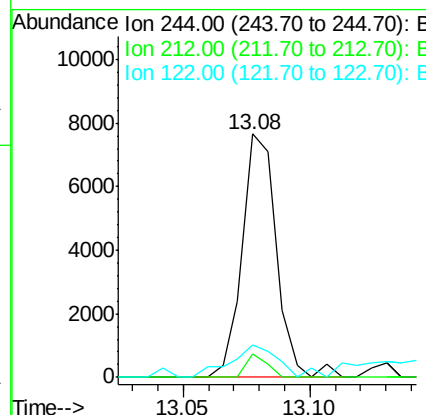
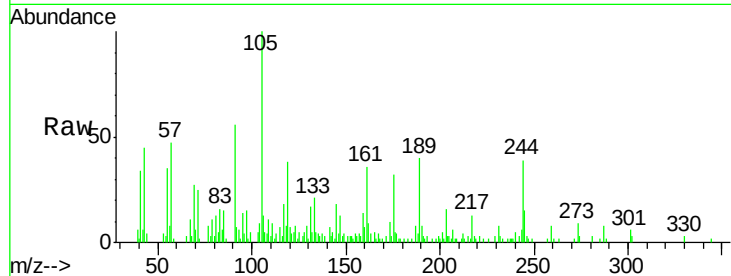




#78
 Terphenyl-d14
 Concen: 0.630 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106506.D
 Acq: 15 Jun 2018 21:38

Instrument :
 BNA_F
 ClientSampleId :
 FADW4710L

Tgt Ion: 244 Resp: 7205
 Ion Ratio Lower Upper
 244 100
 212 9.8 5.4 8.0#
 122 13.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF106506.D
 Acq: 15 Jun 2018 21:38

Tgt Ion: 264 Resp: 211946
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.8 17.5 26.3

