

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106541.D
 Acq On : 18 Jun 2018 16:27
 Operator : JU/SJ
 Sample : J3240-03 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-061518

Quant Time: Jun 19 01:07:44 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

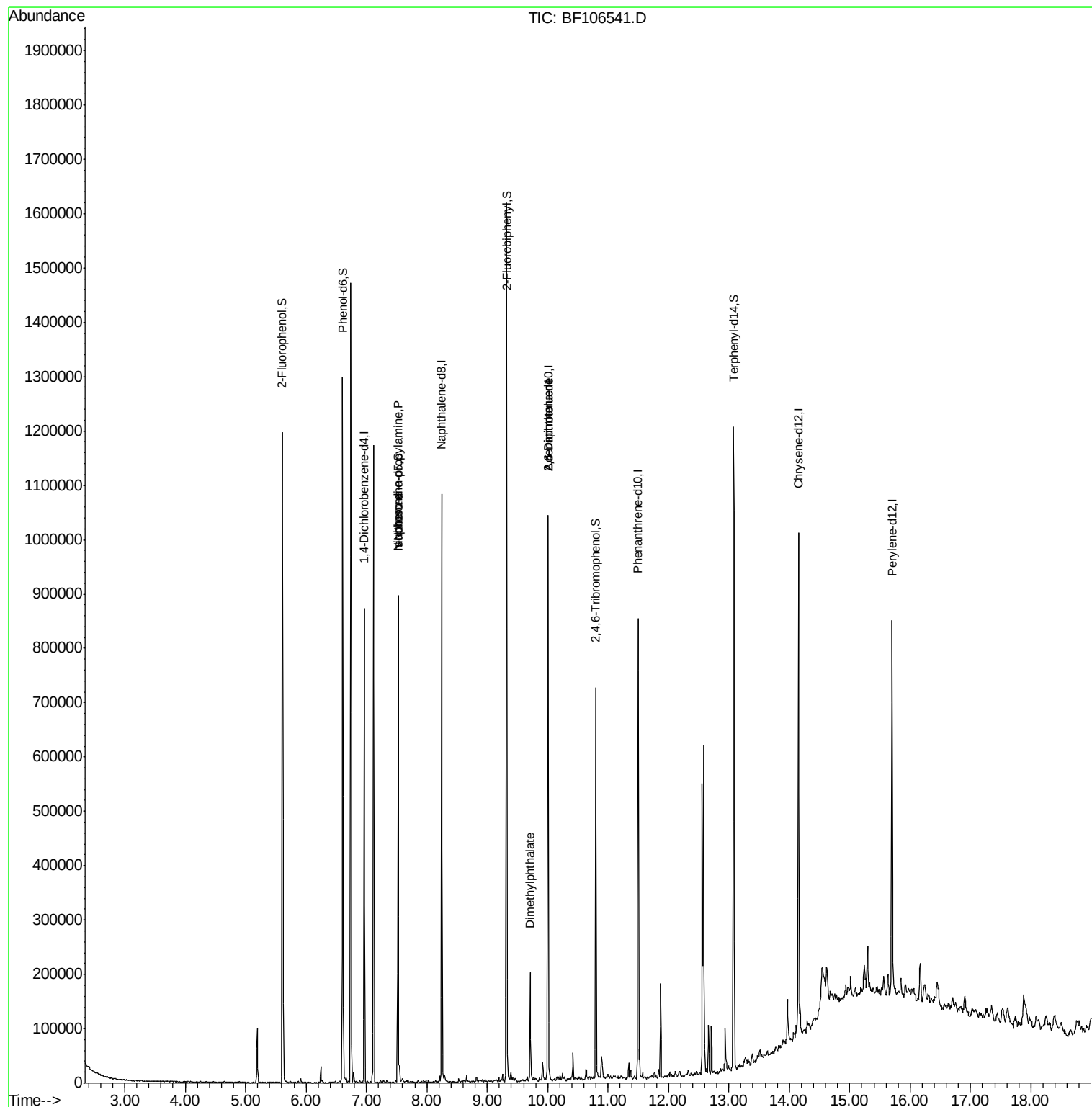
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	111662	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	427864	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	188111	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	302667	20.00	ng	0.00
75) Chrysene-d12	14.15	240	301291	20.00	ng	0.00
86) Perylene-d12	15.70	264	322958	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	339761	51.50	ng	0.00
7) Phenol-d6	6.61	99	418984	50.27	ng	0.00
23) Nitrobenzene-d5	7.52	82	261835	36.00	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	83232	45.99	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	475376	35.29	ng	0.00
78) Terphenyl-d14	13.08	244	394817	32.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	35571	5.688	ng	# 78
25) Isophorone	7.52	82	261831	18.431	ng	# 64
49) Dimethylphthalate	9.71	163	72957	5.429	ng	100
50) 2,6-Dinitrotoluene	10.01	165	24281	8.845	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	24281	7.043	ng	# 23

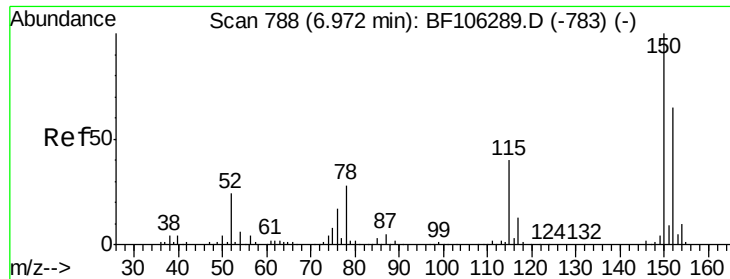
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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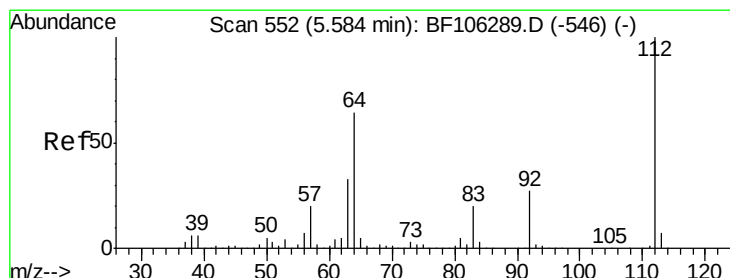
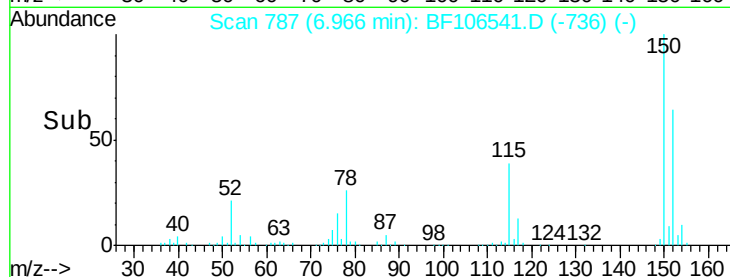
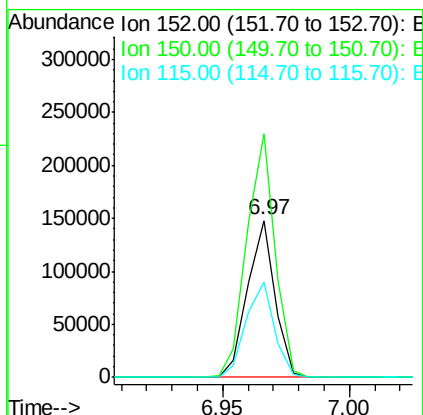
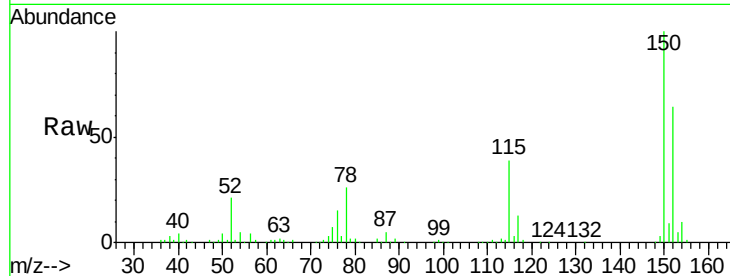




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106541.D
 Acq: 18 Jun 2018 16:27

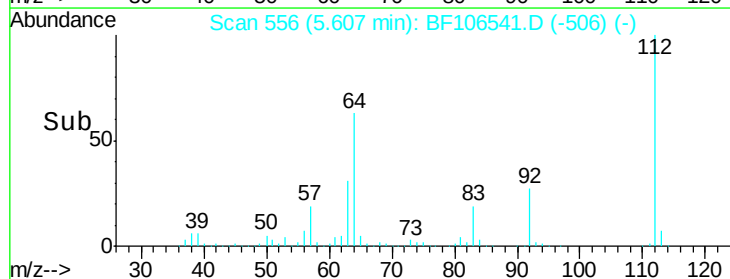
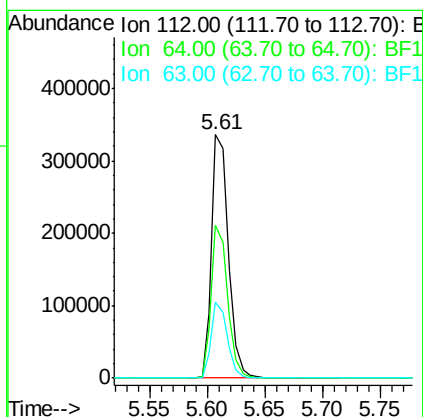
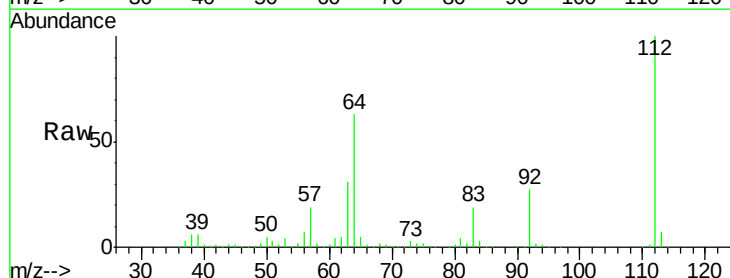
Instrument :
 BNA_F
 ClientSampleId :
 BU-01-061518

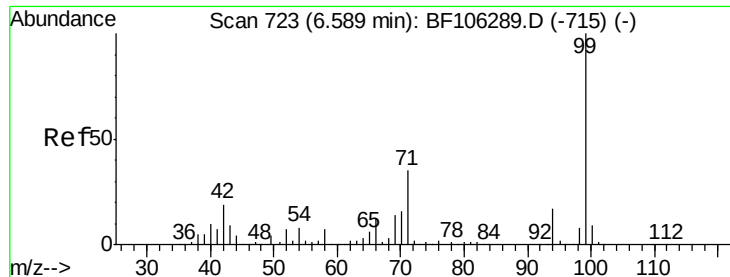
Tgt Ion:152 Resp: 111662
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 60.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 51.499 ng
 RT: 5.61 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: BF106541.D
 Acq: 18 Jun 2018 16:27

Tgt Ion:112 Resp: 339761
 Ion Ratio Lower Upper
 112 100
 64 62.7 47.9 71.9
 63 31.4 23.7 35.5





#7

Phenol-d6

Concen: 50.266 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106541.D

Acq: 18 Jun 2018 16:27

Instrument :

BNA_F

ClientSampleId :

BU-01-061518

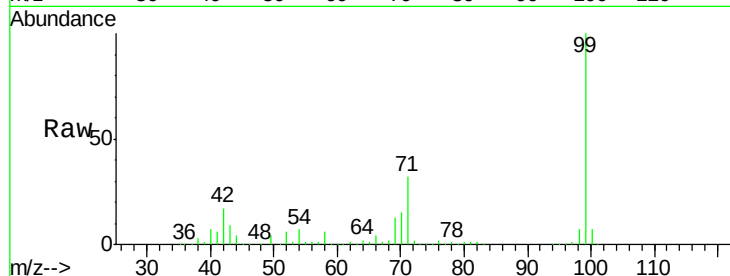
Tgt Ion: 99 Resp: 418984

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

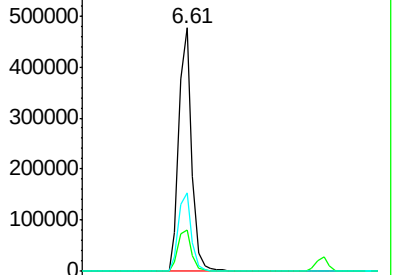
71 32.2 25.4 38.0



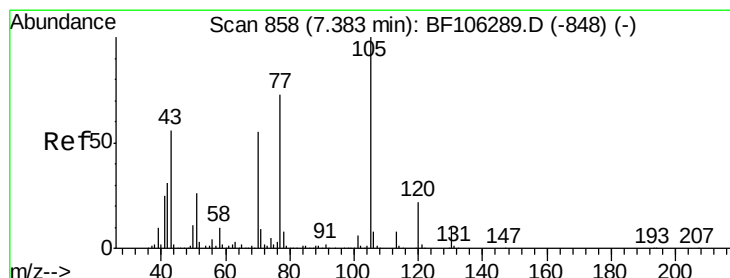
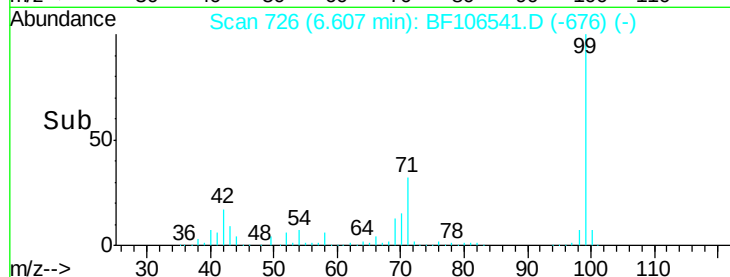
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 5.688 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106541.D

Acq: 18 Jun 2018 16:27

Tgt Ion: 70 Resp: 35571

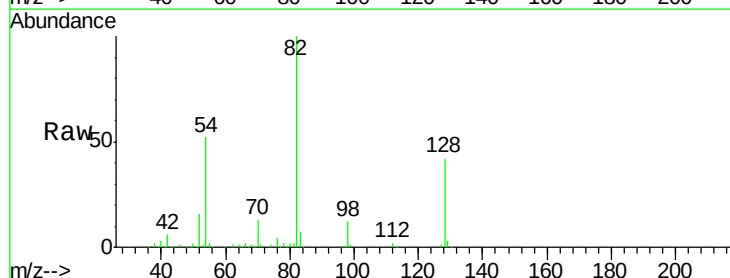
Ion Ratio Lower Upper

70 100

42 47.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

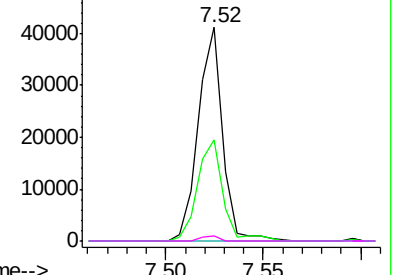


Abundance Ion 70.00 (69.70 to 70.70): BF1

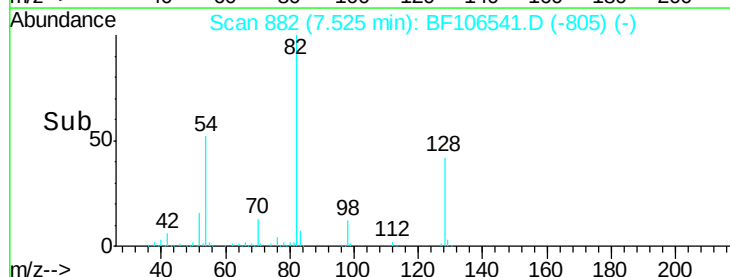
Ion 42.00 (41.70 to 42.70): BF1

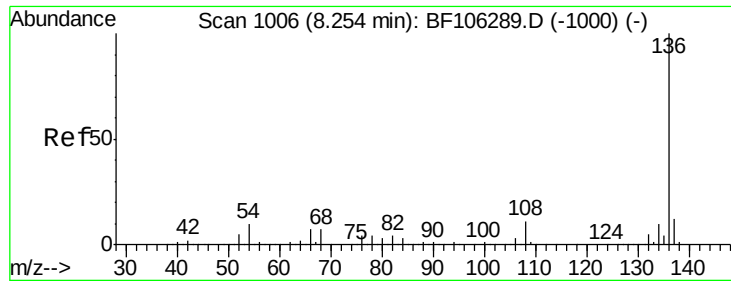
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time-->

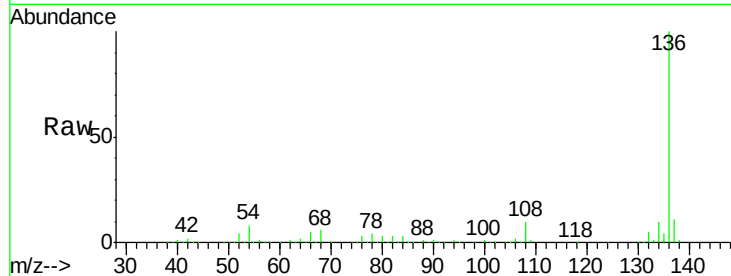




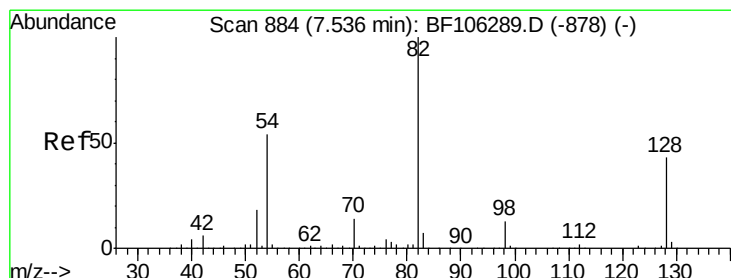
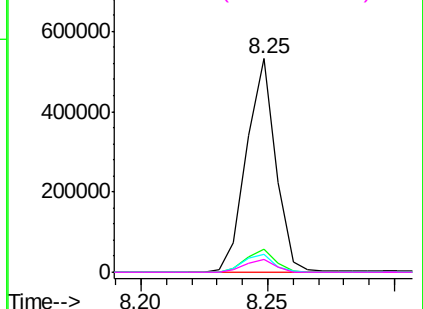
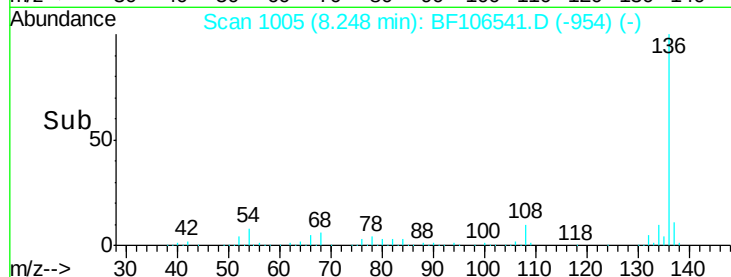
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106541.D
Acq: 18 Jun 2018 16:27

Instrument :
BNA_F
ClientSampleId :
BU-01-061518

Tgt Ion:	136	Resp:	427864
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.5	6.6	9.8
68	6.3	5.0	7.4

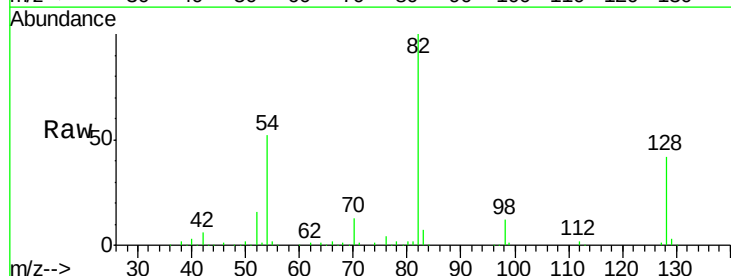


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

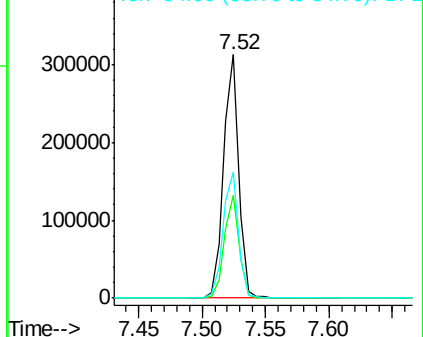
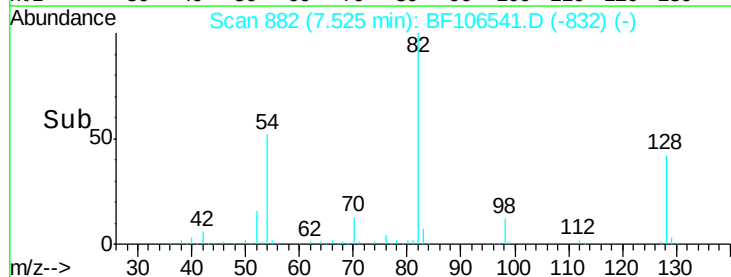


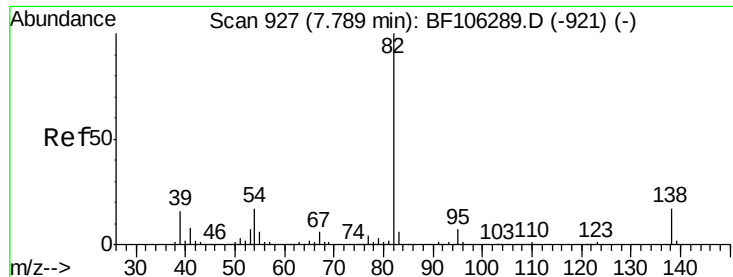
#23
Nitrobenzene-d5
Concen: 36.001 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106541.D
Acq: 18 Jun 2018 16:27

Tgt Ion:	82	Resp:	261835
Ion	Ratio	Lower	Upper
82	100		
128	42.4	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: 18.431 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106541.D

Acq: 18 Jun 2018 16:27

Instrument :

BNA_F

ClientSampleId :

BU-01-061518

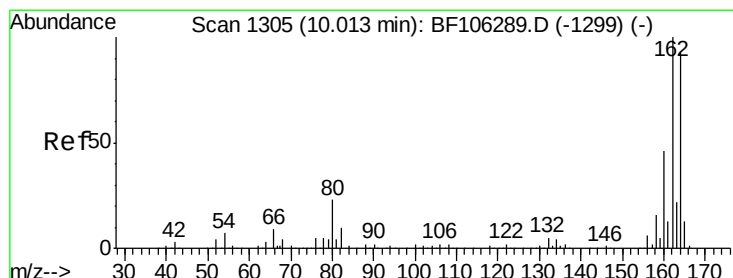
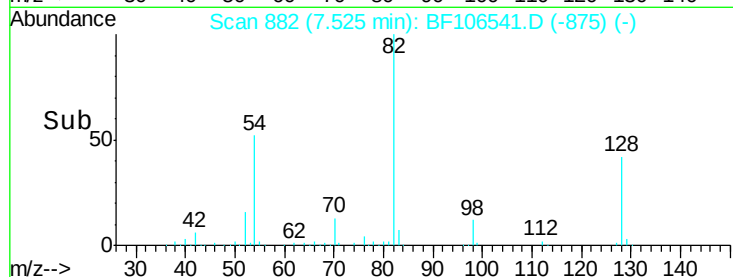
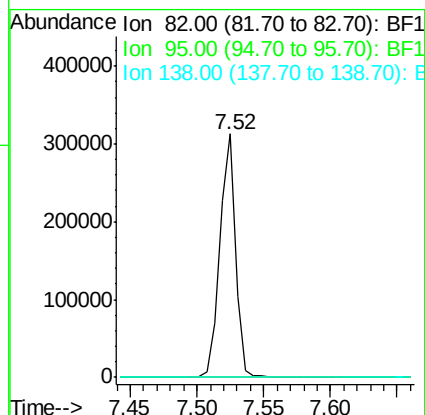
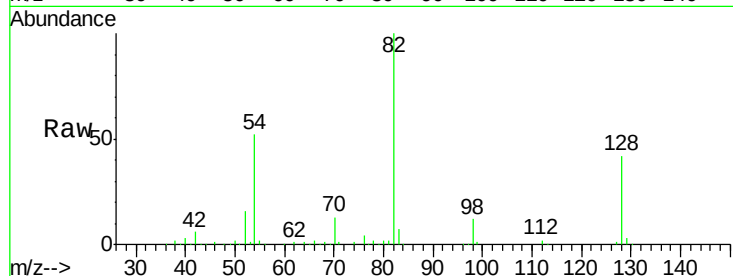
Tgt Ion: 82 Resp: 261831

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106541.D

Acq: 18 Jun 2018 16:27

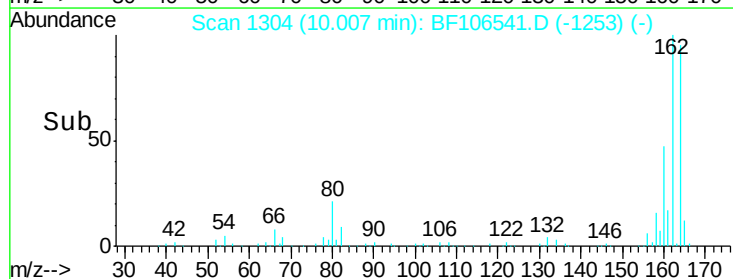
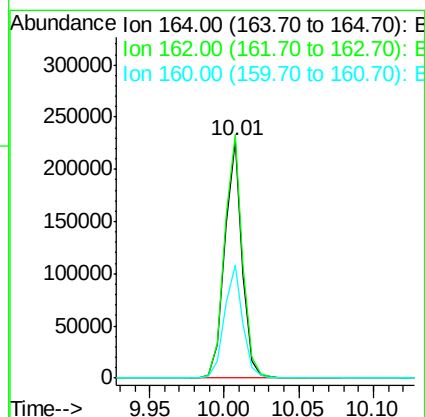
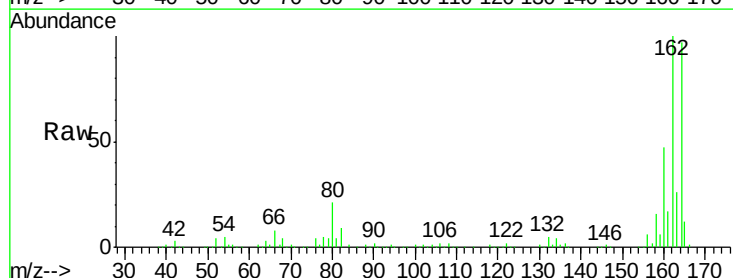
Tgt Ion: 164 Resp: 188111

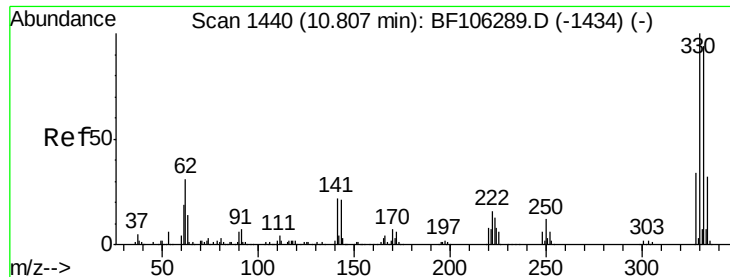
Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

160 47.7 38.3 57.5

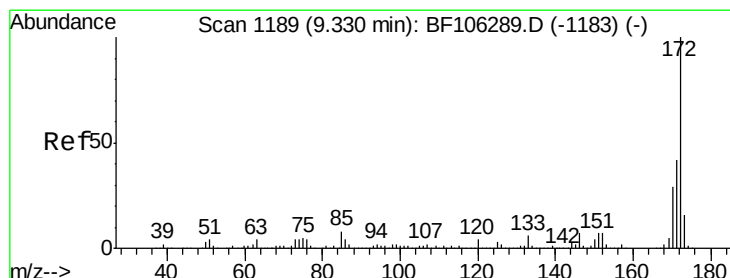
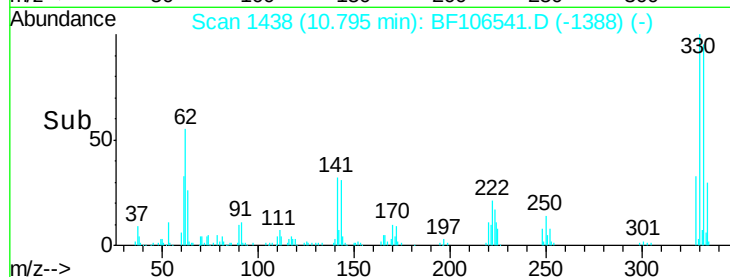
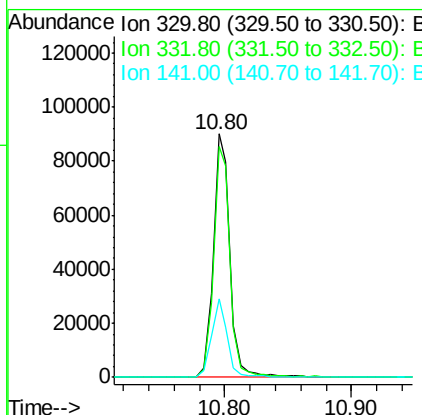
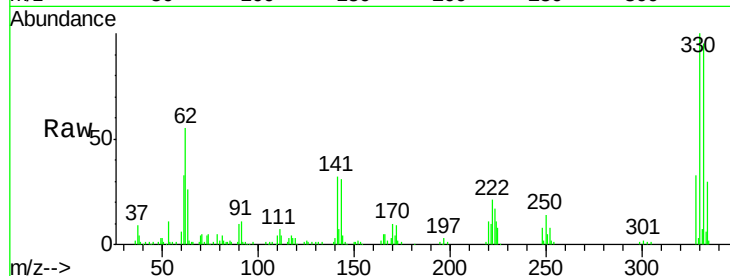




#41
 2,4,6-Tribromophenol
 Concen: 45.986 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106541.D
 Acq: 18 Jun 2018 16:27

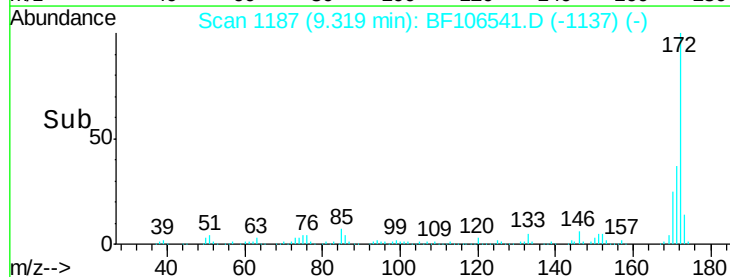
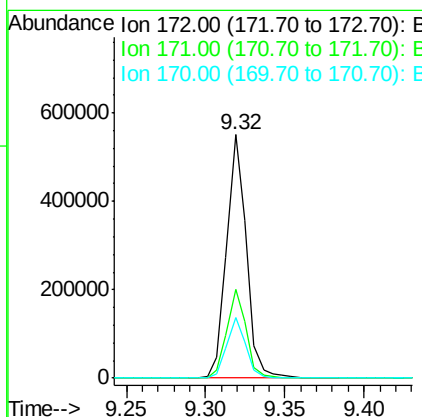
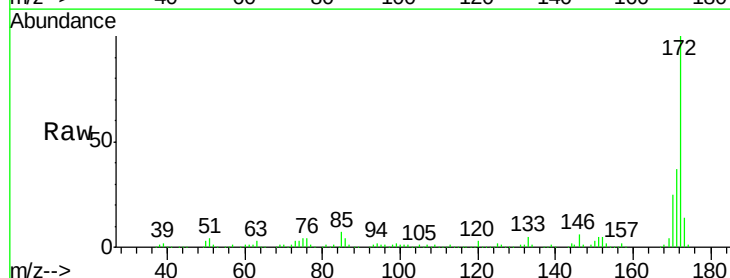
Instrument :
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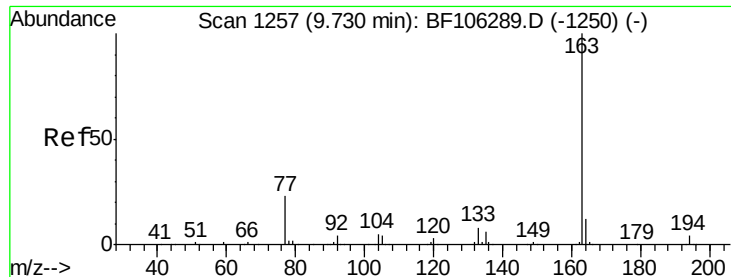
Tgt Ion:330 Resp: 83232
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 30.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 35.290 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106541.D
 Acq: 18 Jun 2018 16:27

Tgt Ion:172 Resp: 475376
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 25.0 19.6 29.4

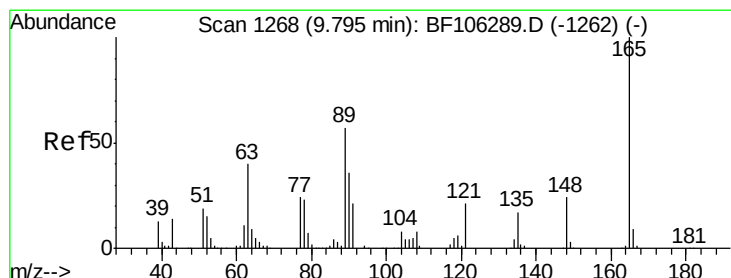
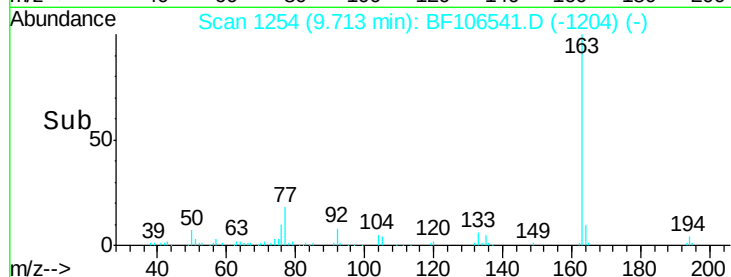
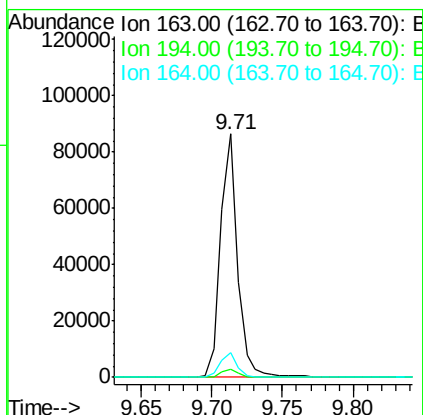
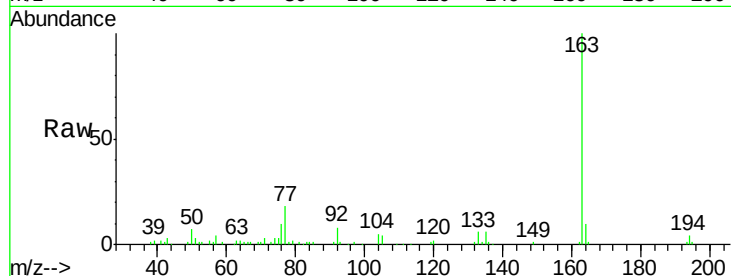




#49
Dimethylphthalate
Concen: 5.429 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106541.D
Acq: 18 Jun 2018 16:27

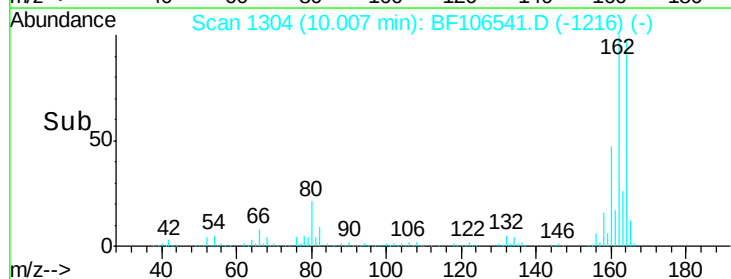
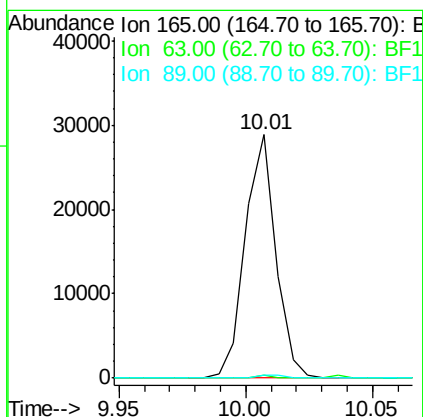
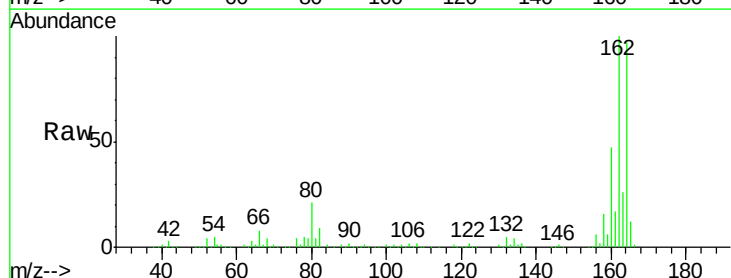
Instrument :
BNA_F
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BU-01-061518

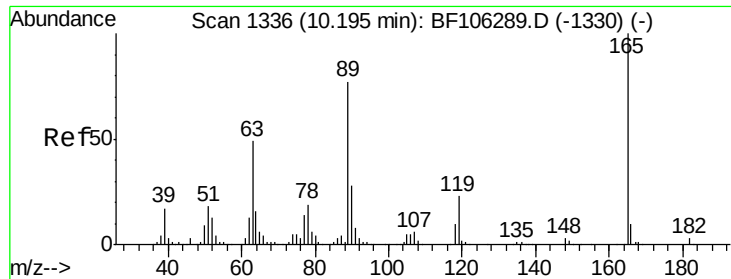
Tgt Ion:163 Resp: 72957
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.845 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.22 min
Lab File: BF106541.D
Acq: 18 Jun 2018 16:27

Tgt Ion:165 Resp: 24281
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.1 44.0 66.0#

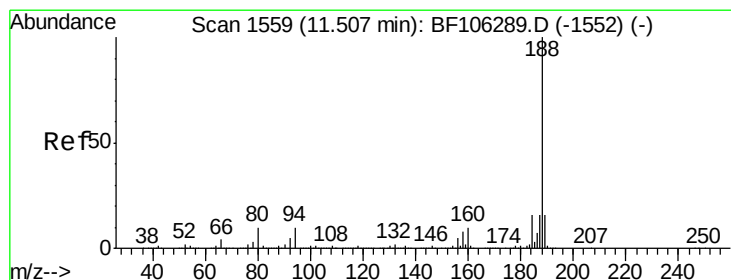
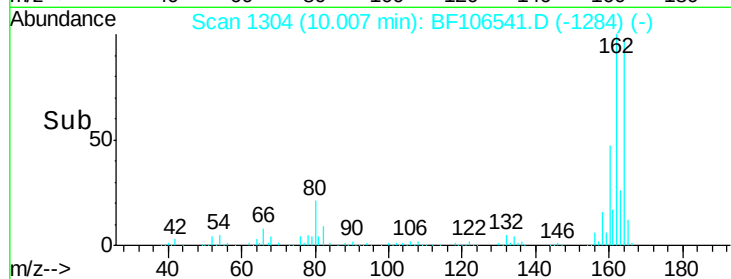
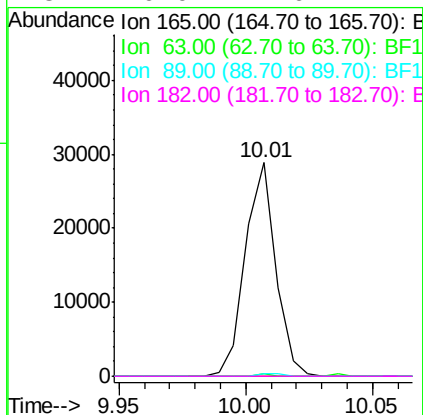
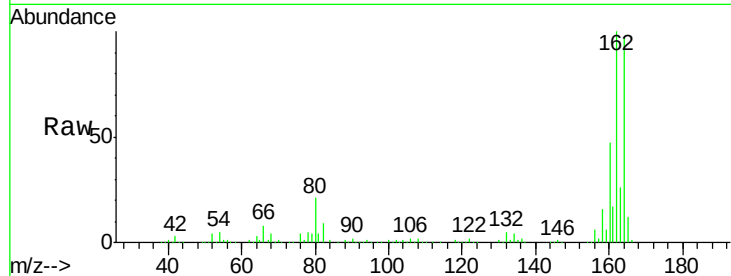




#56
2,4-Dinitrotoluene
Concen: 7.043 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106541.D
Acq: 18 Jun 2018 16:27

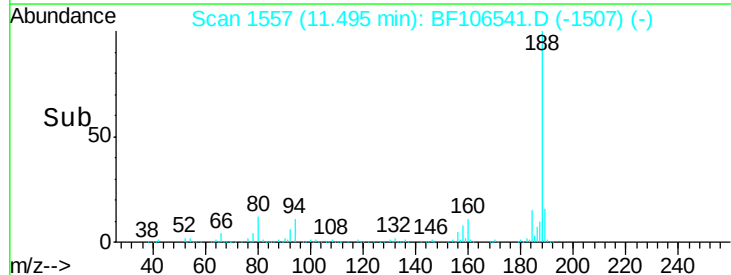
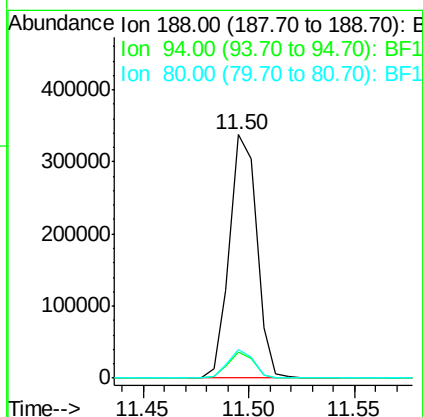
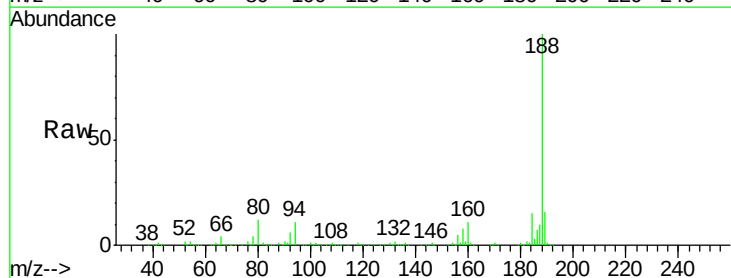
Instrument :
BNA_F
ClientSampleId :
BU-01-061518

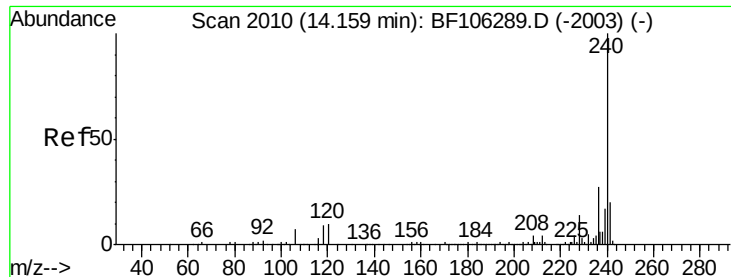
Tgt Ion:	165	Resp:	24281
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106541.D
Acq: 18 Jun 2018 16:27

Tgt Ion:	188	Resp:	302667
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.7	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106541.D

Acq: 18 Jun 2018 16:27

Instrument :

BNA_F

ClientSampleId :

BU-01-061518

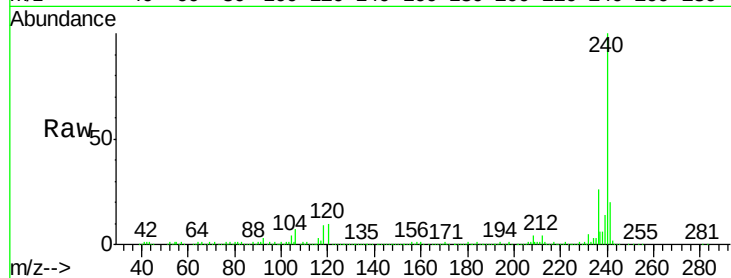
Tgt Ion:240 Resp: 301291

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

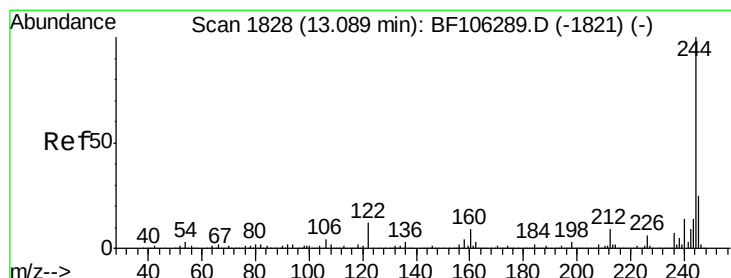
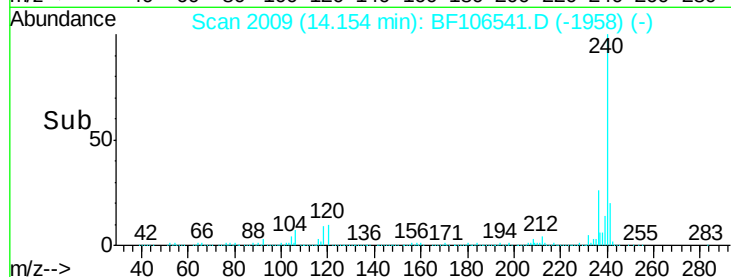
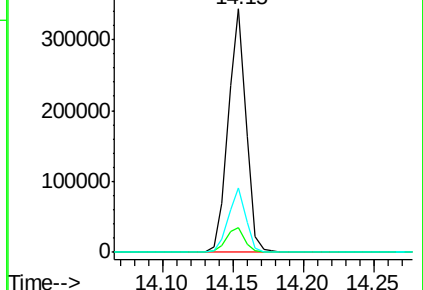
236 26.3 20.7 31.1



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: 32.548 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106541.D

Acq: 18 Jun 2018 16:27

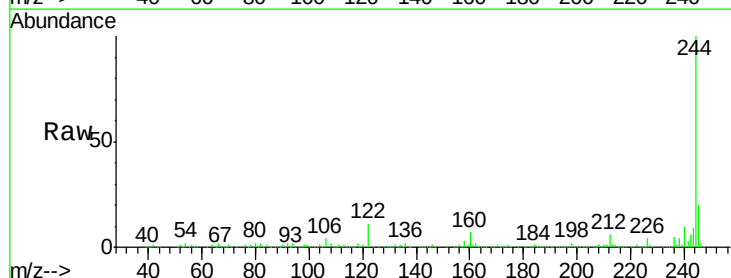
Tgt Ion:244 Resp: 394817

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

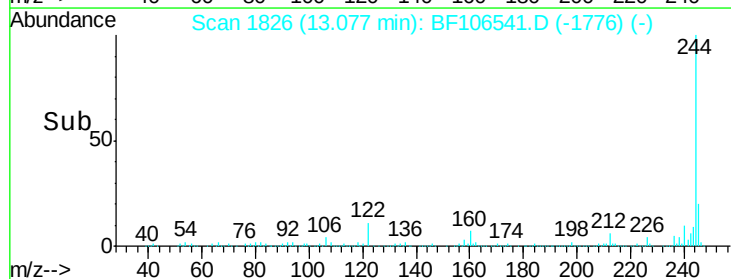
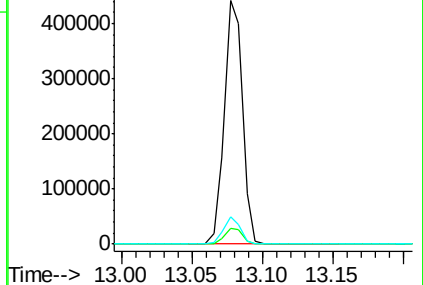
122 11.1 11.0 16.4

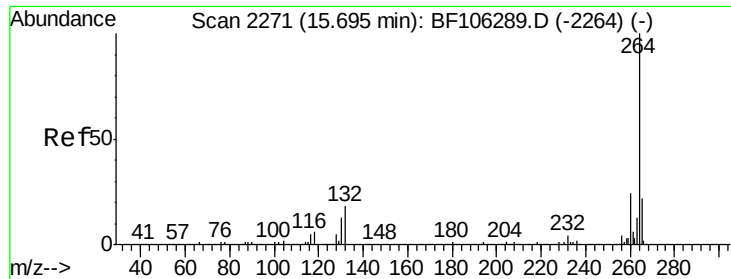


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

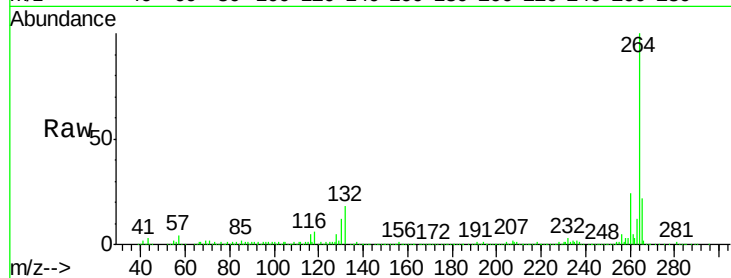




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF106541.D
Acq: 18 Jun 2018 16:27

Instrument :
BNA_F
ClientSampleId :
BU-01-061518

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	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

