

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106297.D
 Acq On : 11 Jun 2018 16:28
 Operator : JU/SJ
 Sample : PB110108BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110108BL

Quant Time: Jun 12 00:48:07 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

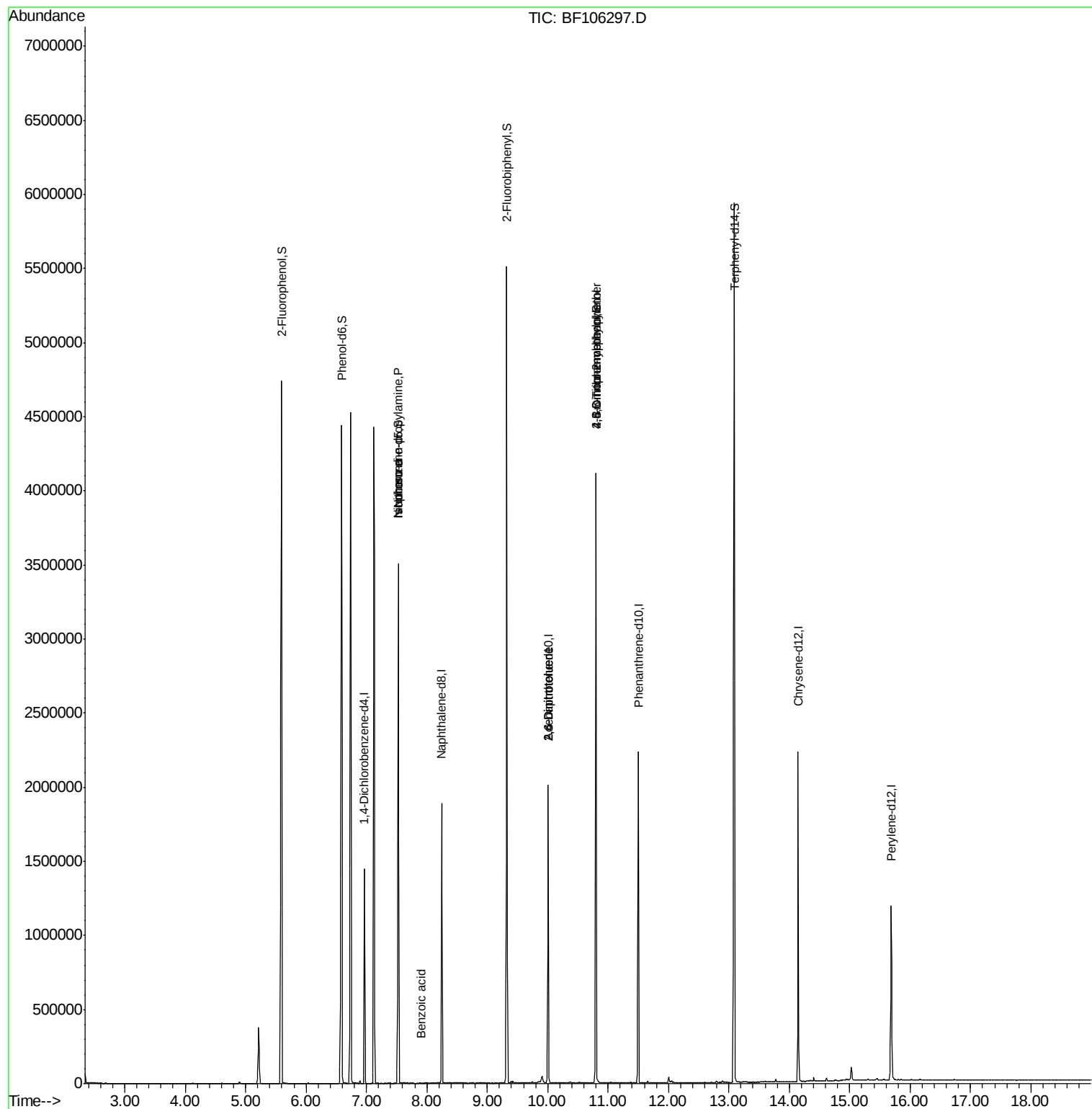
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	203130	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	765840	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	376293	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	758901	20.00	ng	0.00
75) Chrysene-d12	14.15	240	724447	20.00	ng	-0.01
86) Perylene-d12	15.69	264	559860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1450579	120.86	ng	0.01
7) Phenol-d6	6.59	99	1812616	119.54	ng	0.00
23) Nitrobenzene-d5	7.53	82	1212540	93.14	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	574448	158.66	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1923320	93.71	ng	0.00
78) Terphenyl-d14	13.09	244	2335905	80.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	166810	14.663	ng	# 76
25) Isophorone	7.53	82	1212521	47.685	ng	# 64
32) Benzoic acid	7.90	122	148	7.305	ng	# 41
50) 2,6-Dinitrotoluene	10.01	165	48295	8.794	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	48295	7.003	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	1231	6.556	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	36615	4.242	ng	# 1

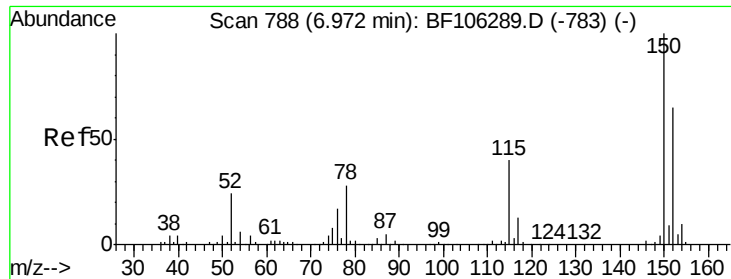
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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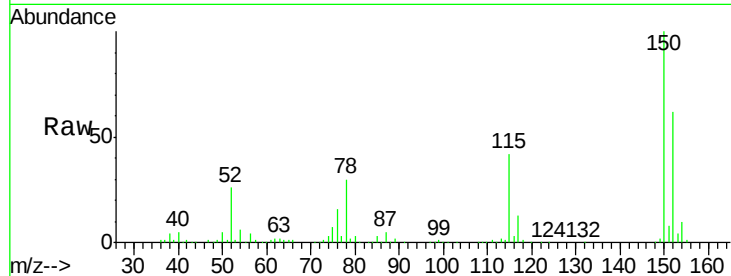


#1

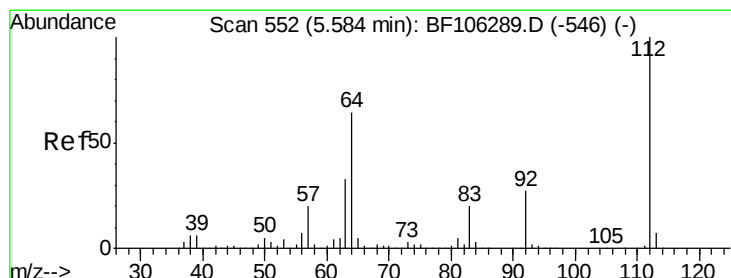
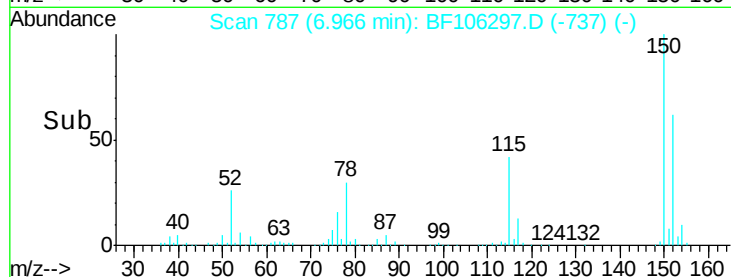
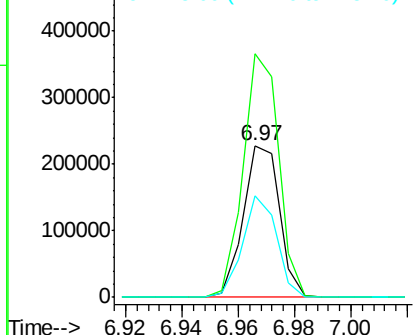
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106297.D
Acq: 11 Jun 2018 16:28

Instrument :
BNA_F
ClientSampleId :
PB110108BL

Tgt Ion:152 Resp: 203130
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 66.6 50.1 75.1



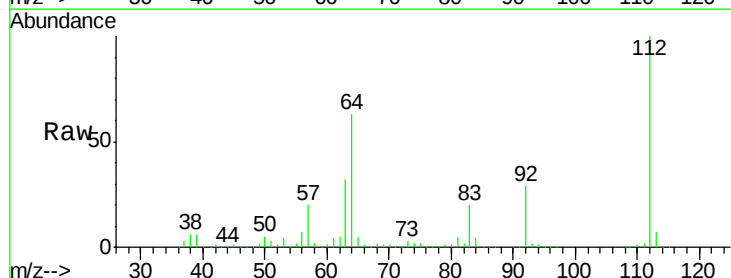
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



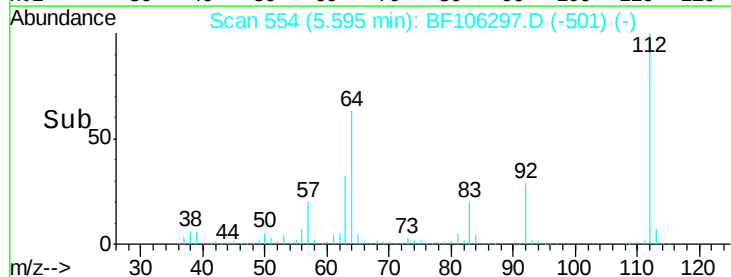
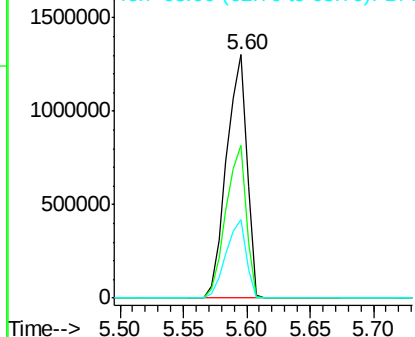
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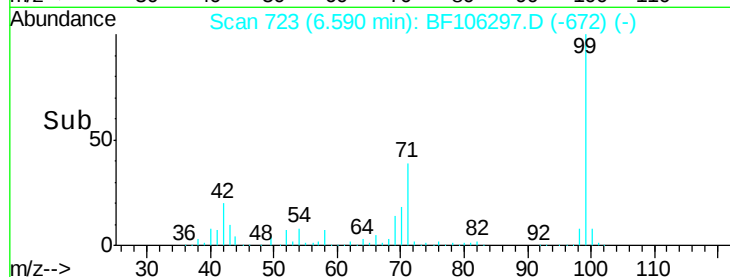
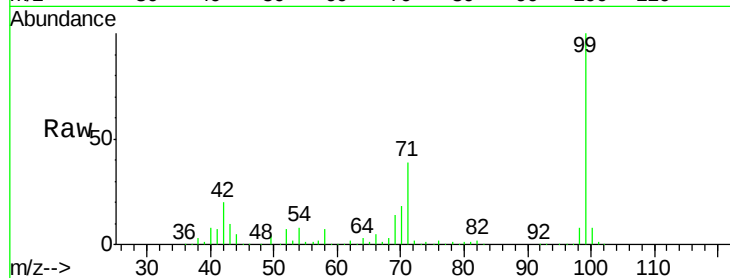
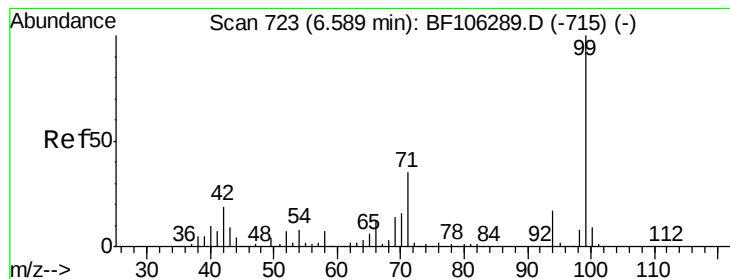
2-Fluorophenol
Concen: 120.864 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106297.D
Acq: 11 Jun 2018 16:28

Tgt Ion:112 Resp: 1450579
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 32.3 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: 119.541 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106297.D

Acq: 11 Jun 2018 16:28

Instrument :

BNA_F

ClientSampleId :

PB110108BL

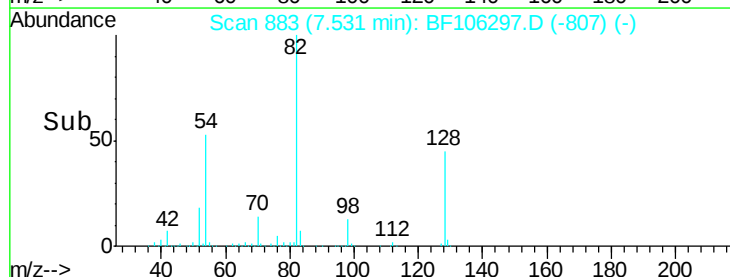
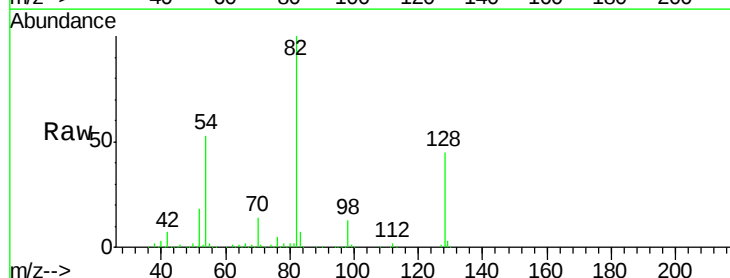
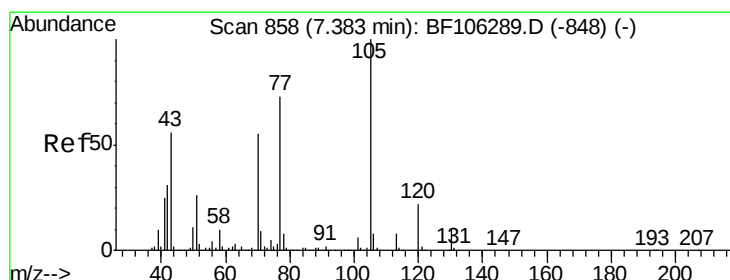
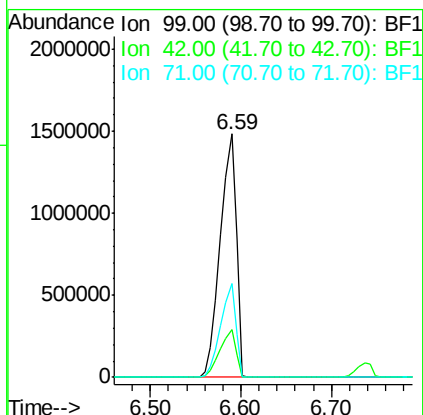
Tgt Ion: 99 Resp: 1812616

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 38.6 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 14.663 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106297.D

Acq: 11 Jun 2018 16:28

Tgt Ion: 70 Resp: 166810

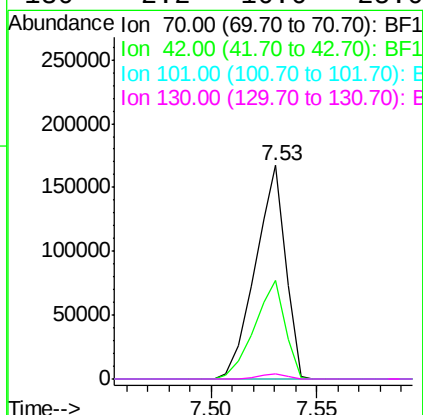
Ion Ratio Lower Upper

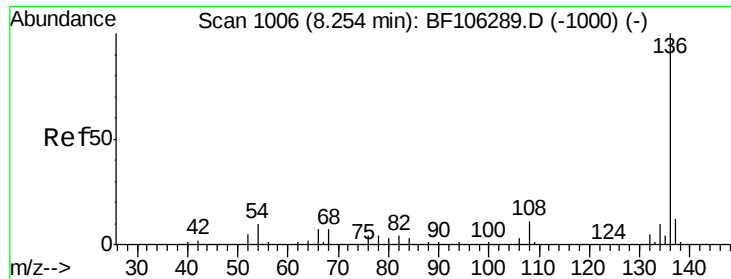
70 100

42 45.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

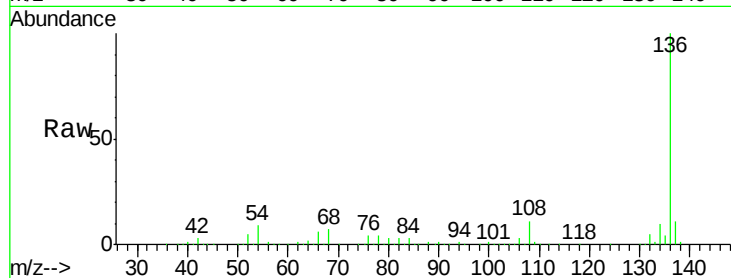




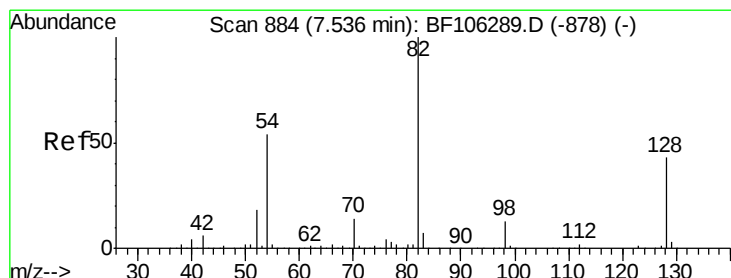
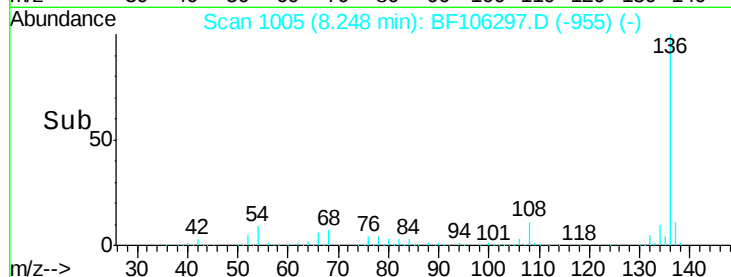
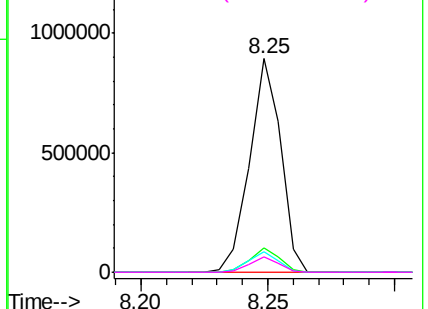
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106297.D
Acq: 11 Jun 2018 16:28

Instrument :
BNA_F
ClientSampleId :
PB110108BL

Tgt Ion:	136	Resp:	765840
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.3	6.6	9.8
68	7.2	5.0	7.4

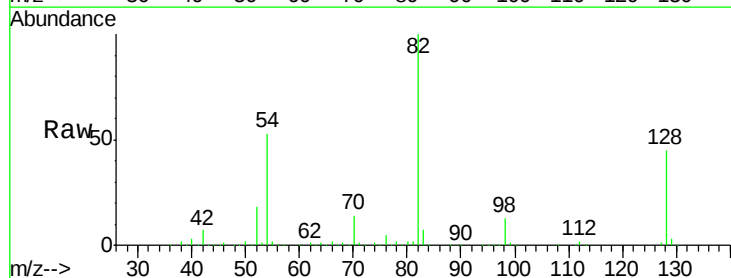


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

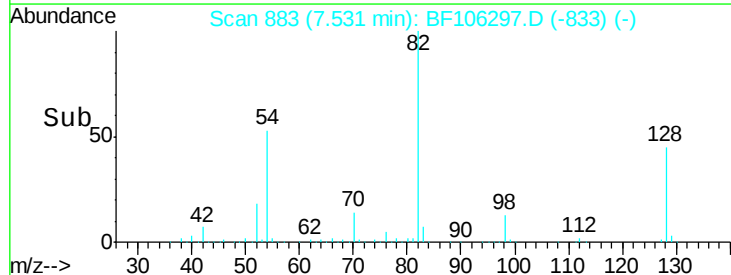
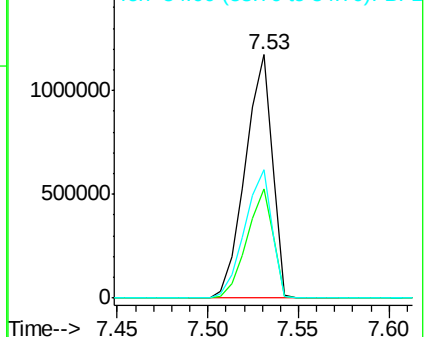


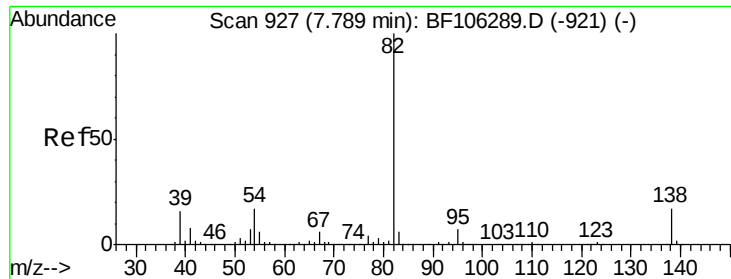
#23
Nitrobenzene-d5
Concen: 93.142 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106297.D
Acq: 11 Jun 2018 16:28

Tgt Ion:	82	Resp:	1212540
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	52.9	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: 47.685 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106297.D

Acq: 11 Jun 2018 16:28

Instrument :

BNA_F

ClientSampleId :

PB110108BL

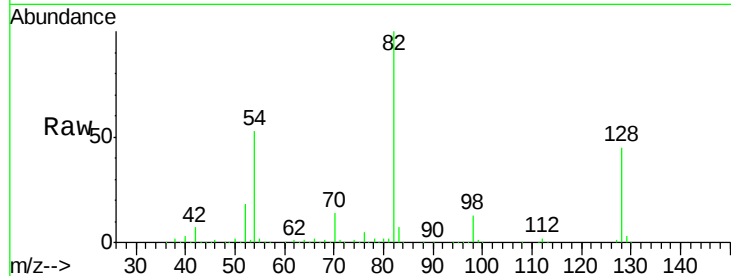
Tgt Ion: 82 Resp: 1212521

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

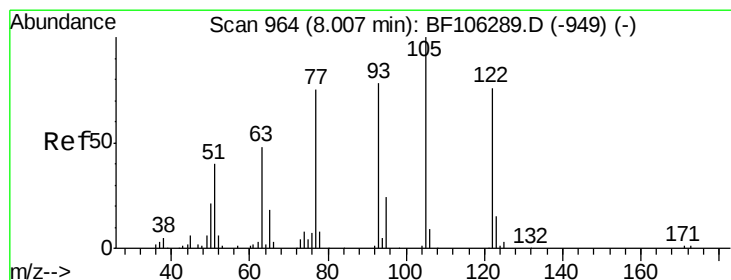
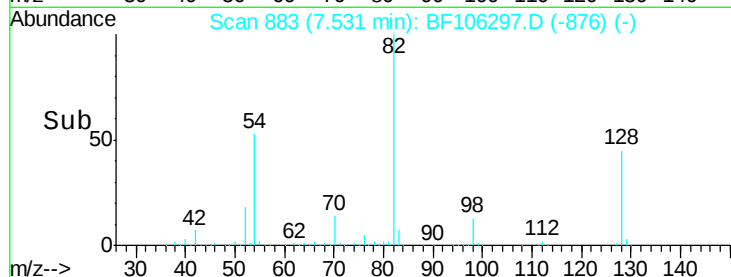
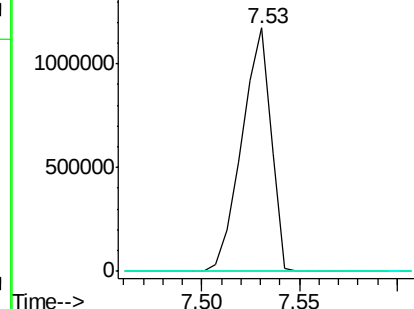
138 0.0 14.9 22.3#



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: 7.305 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.10 min

Lab File: BF106297.D

Acq: 11 Jun 2018 16:28

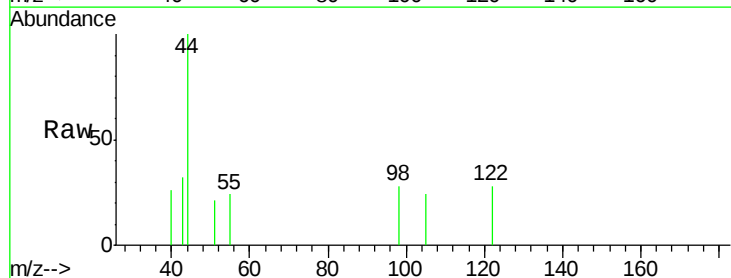
Tgt Ion: 122 Resp: 148

Ion Ratio Lower Upper

122 100

105 86.1 101.1 141.1#

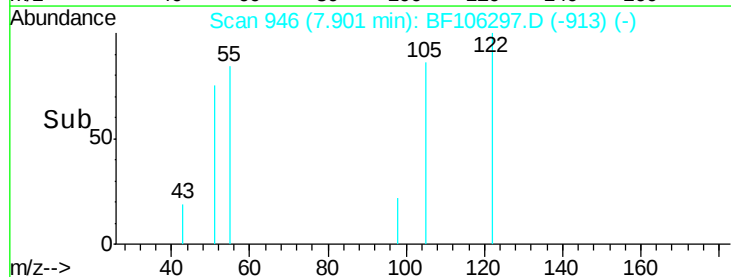
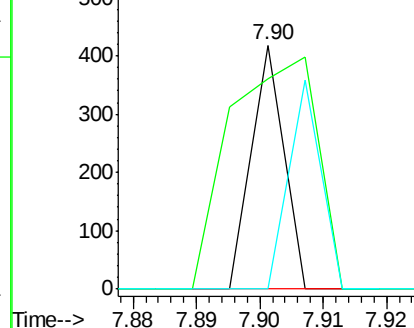
77 0.0 70.7 110.7#

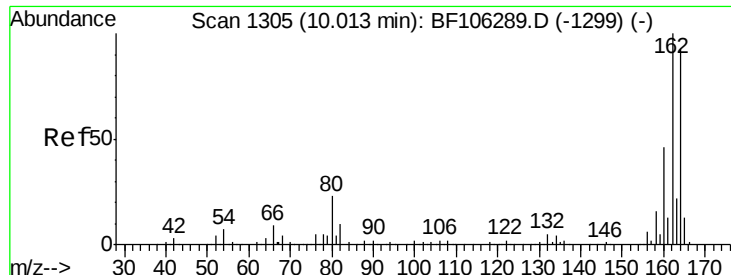


Abundance Ion 122.00 (121.70 to 122.70): BF1

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# 1304

Delta R.T. -0.01 min

Lab File: BF106297.D

Acq: 11 Jun 2018 16:28

Instrument :

BNA_F

ClientSampleId :

PB110108BL

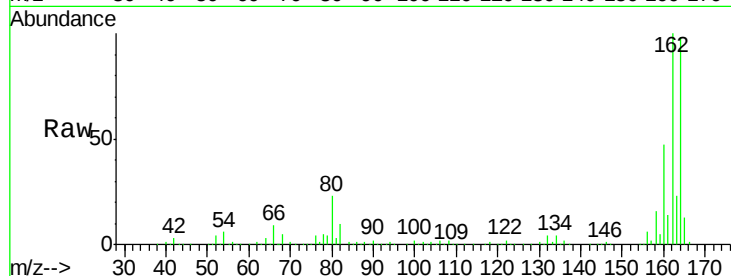
Tgt Ion:164 Resp: 376293

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

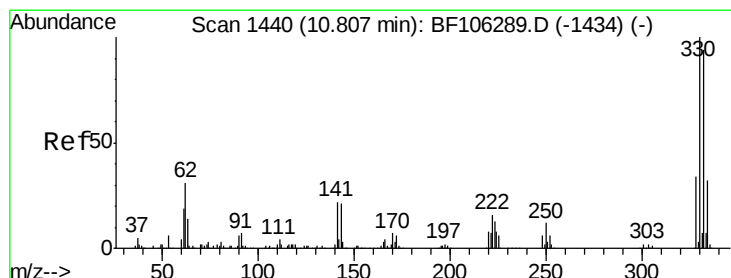
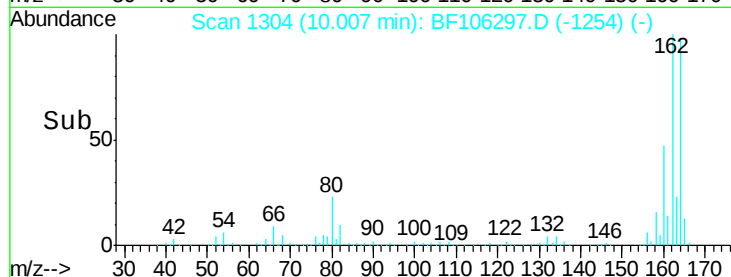
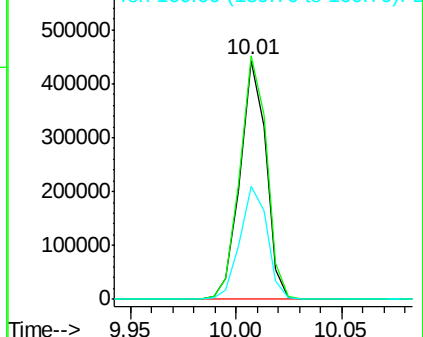
160 47.5 38.3 57.5



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: 158.661 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106297.D

Acq: 11 Jun 2018 16:28

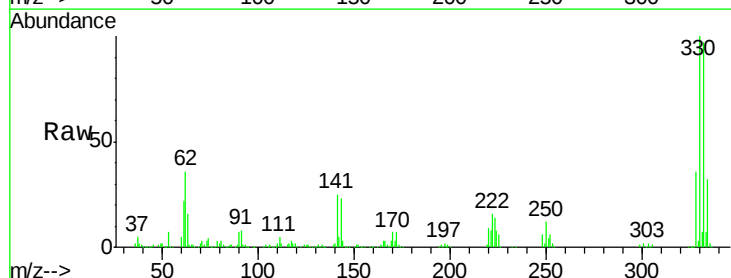
Tgt Ion:330 Resp: 574448

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

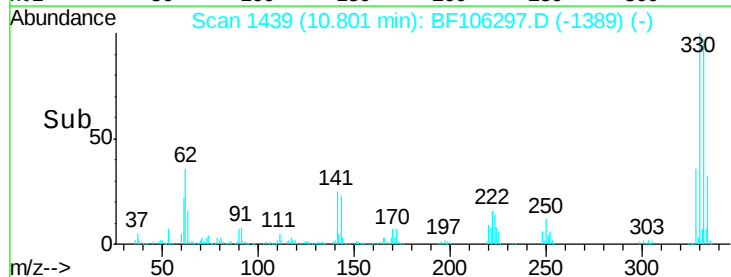
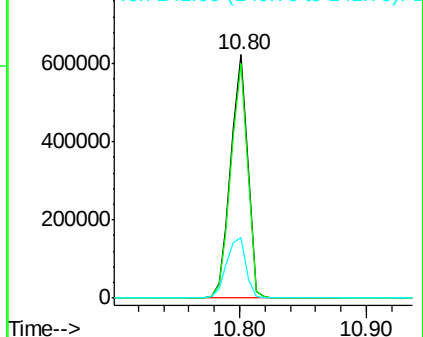
141 28.4 29.9 44.9#

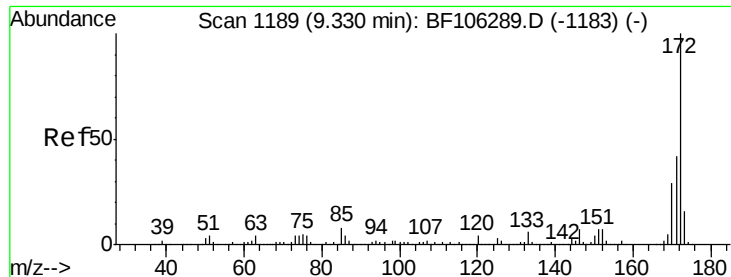


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

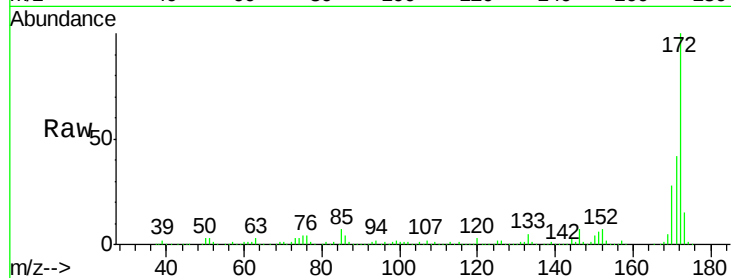




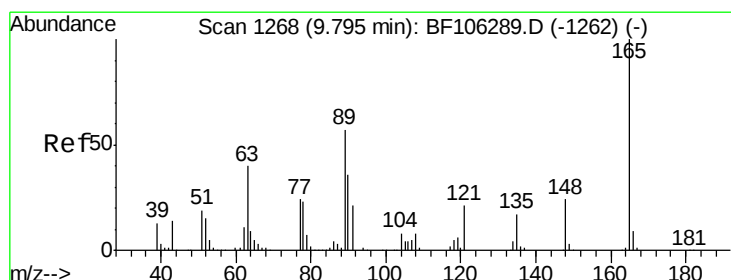
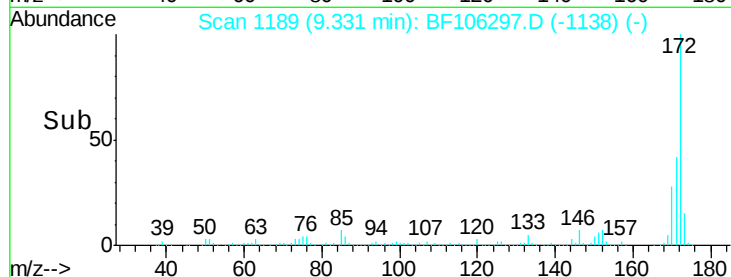
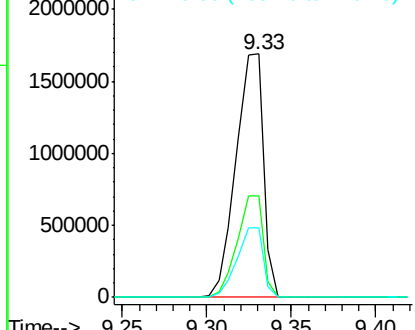
#44
 2-Fluorobiphenyl
 Concen: 93.712 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106297.D
 Acq: 11 Jun 2018 16:28

Instrument :
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 PB110108BL

Tgt Ion:172 Resp: 1923320
 Ion Ratio Lower Upper
 172 100
 171 41.7 29.7 44.5
 170 28.3 19.6 29.4

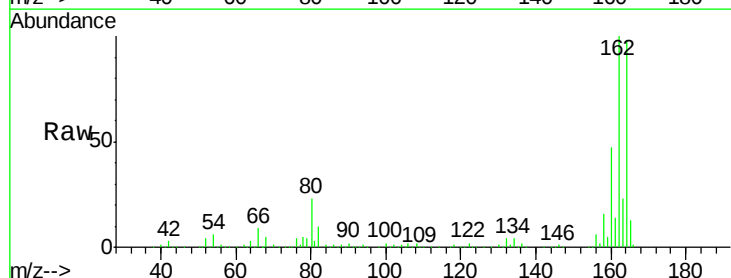


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

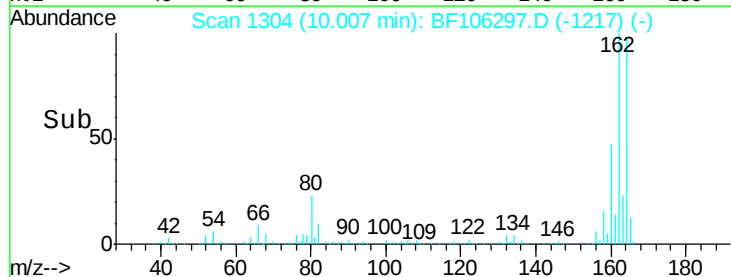
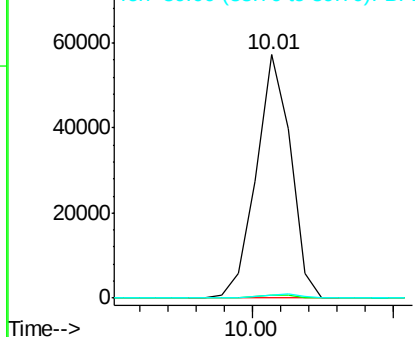


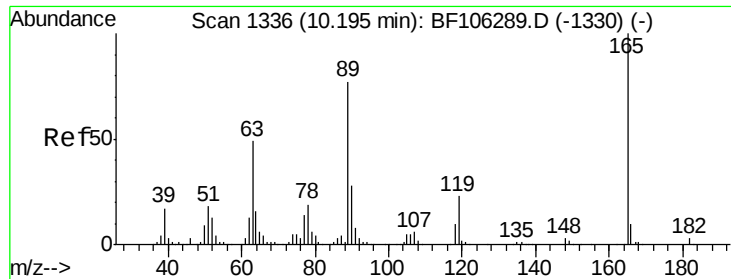
#50
 2,6-Dinitrotoluene
 Concen: 8.794 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF106297.D
 Acq: 11 Jun 2018 16:28

Tgt Ion:165 Resp: 48295
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 1.3 44.0 66.0#



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

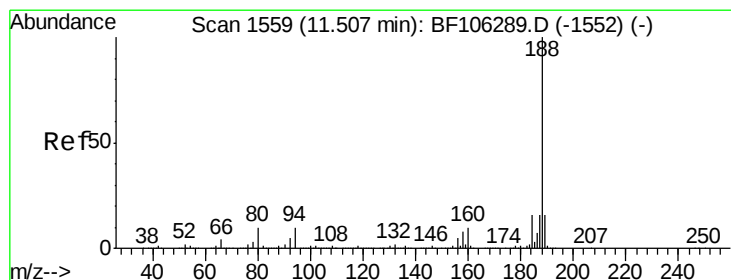
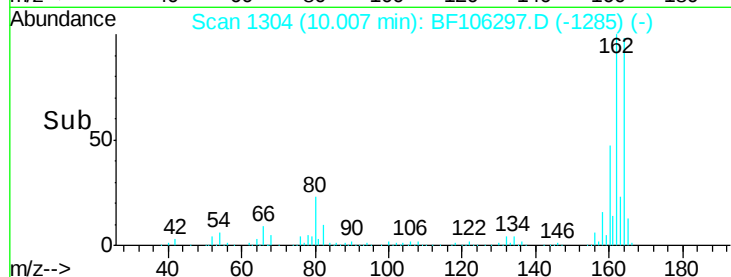
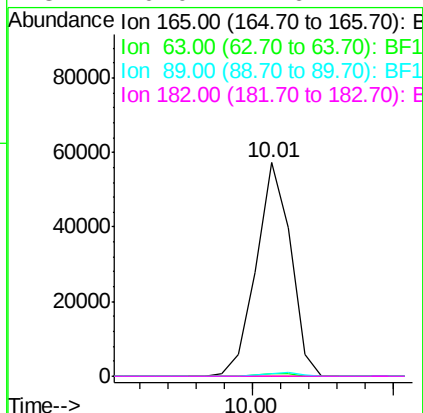
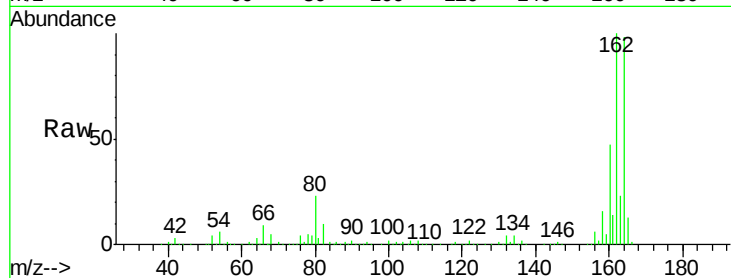




#56
 2,4-Dinitrotoluene
 Concen: 7.003 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF106297.D
 Acq: 11 Jun 2018 16:28

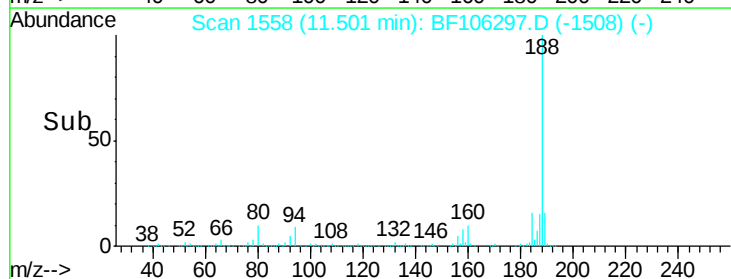
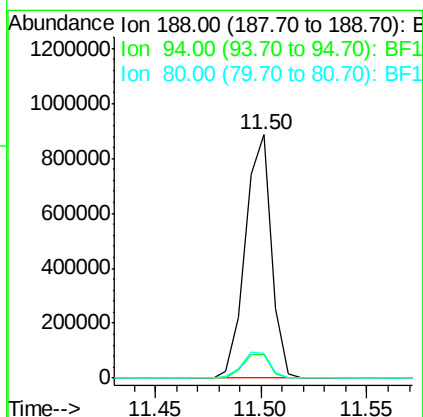
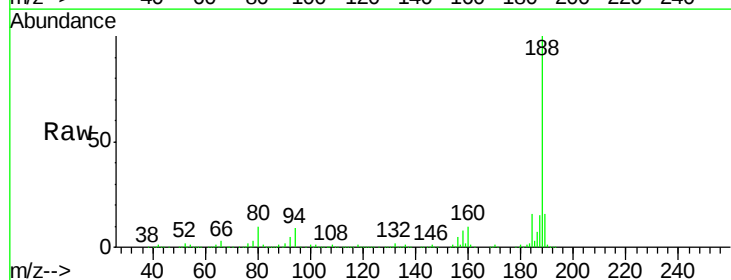
Instrument :
 BNA_F
 ClientSampleId :
 PB110108BL

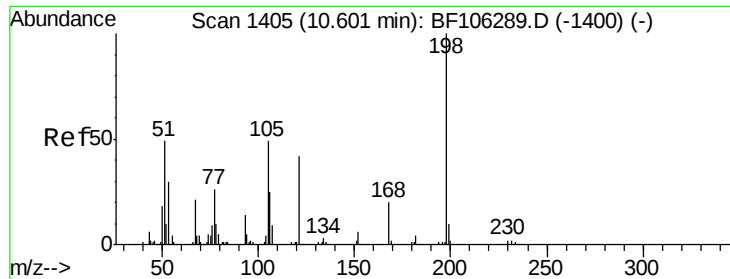
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF106297.D
 Acq: 11 Jun 2018 16:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.2	9.2	13.8

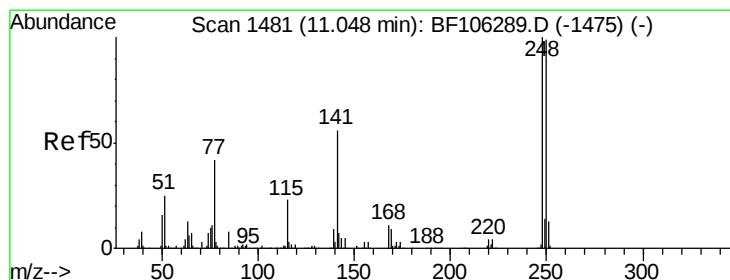
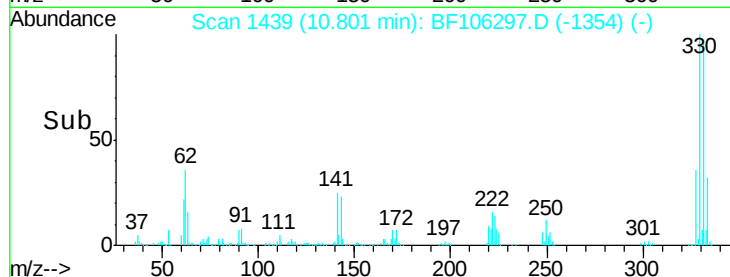
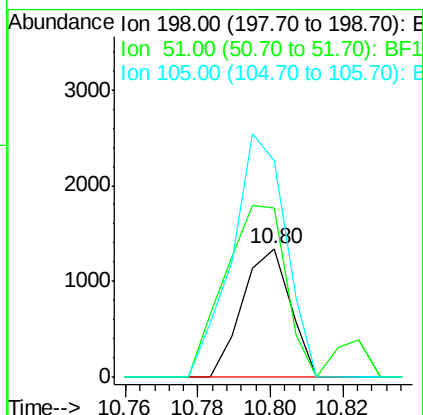
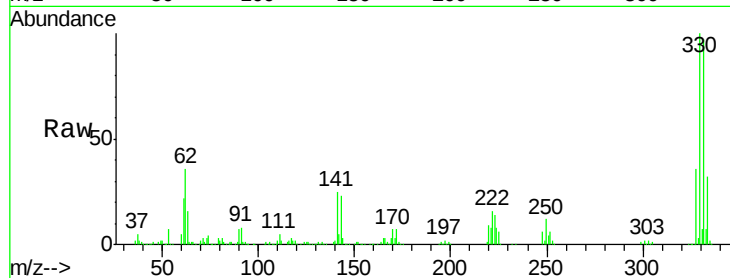




#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.556 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106297.D
 Acq: 11 Jun 2018 16:28

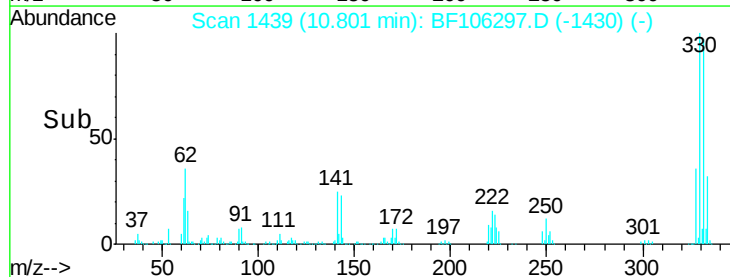
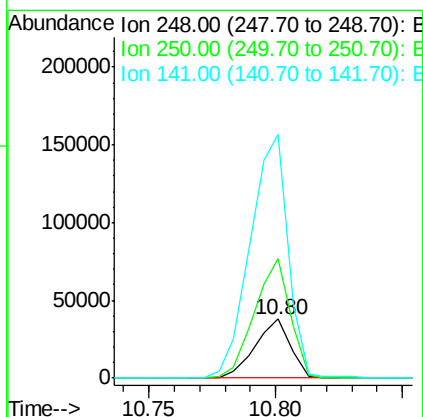
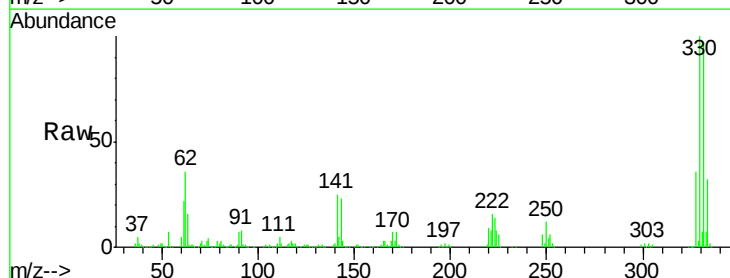
Instrument :
 BNA_F
 ClientSampleId :
 PB110108BL

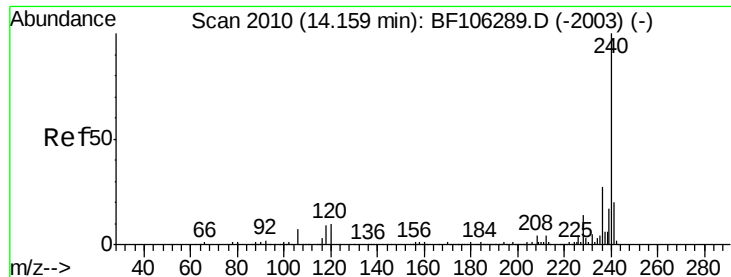
Tgt Ion:198 Resp: 1231
 Ion Ratio Lower Upper
 198 100
 51 131.6 37.7 77.7#
 105 168.5 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.242 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF106297.D
 Acq: 11 Jun 2018 16:28

Tgt Ion:248 Resp: 36615
 Ion Ratio Lower Upper
 248 100
 250 203.9 76.9 115.3#
 141 413.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106297.D

Acq: 11 Jun 2018 16:28

Instrument :

BNA_F

ClientSampleId :

PB110108BL

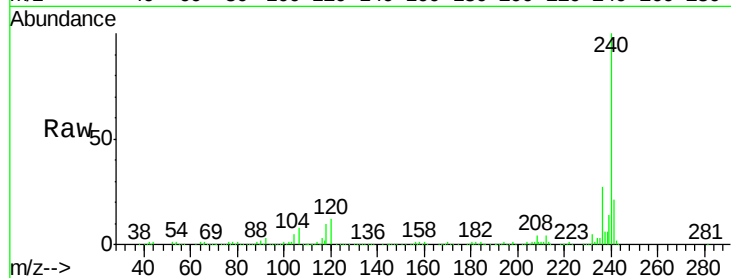
Tgt Ion:240 Resp: 724447

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

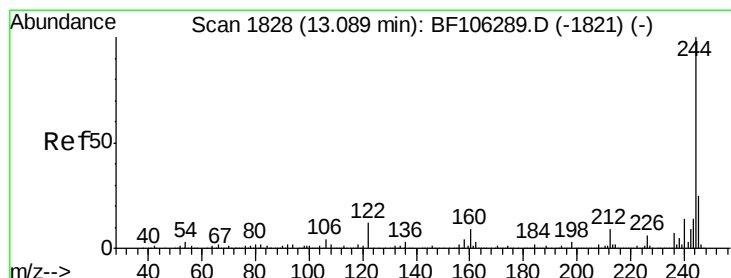
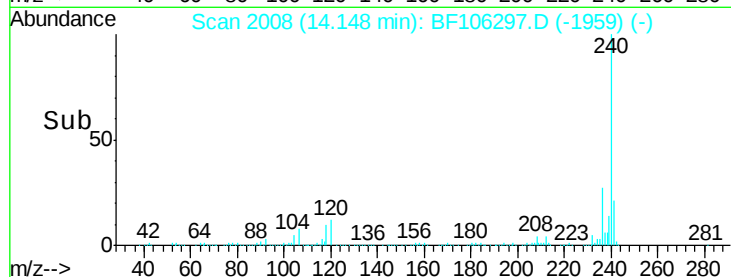
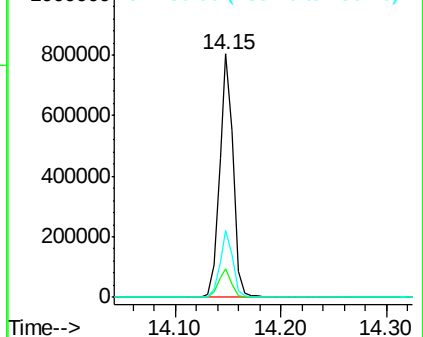
236 27.5 20.7 31.1



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: 80.087 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106297.D

Acq: 11 Jun 2018 16:28

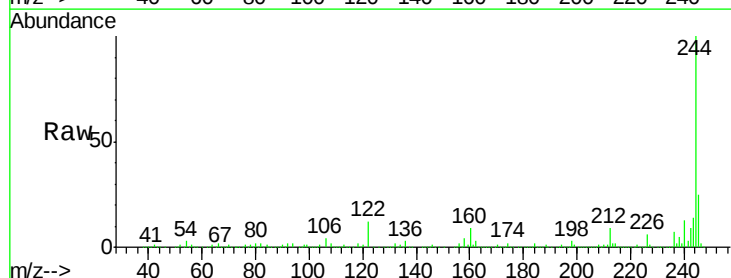
Tgt Ion:244 Resp: 2335905

Ion Ratio Lower Upper

244 100

212 8.5 5.4 8.0#

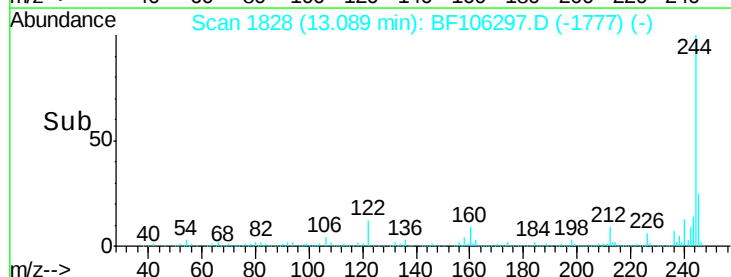
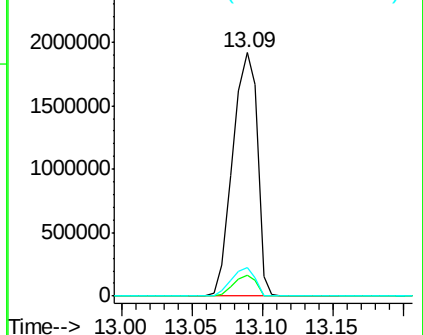
122 11.9 11.0 16.4

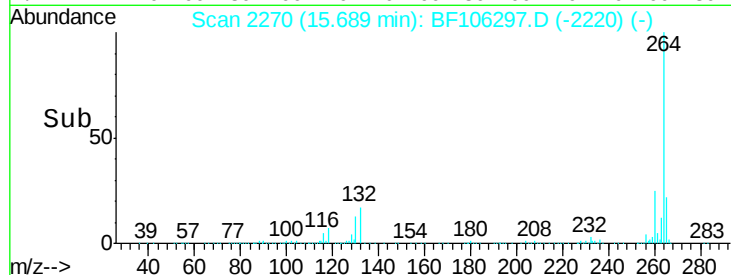
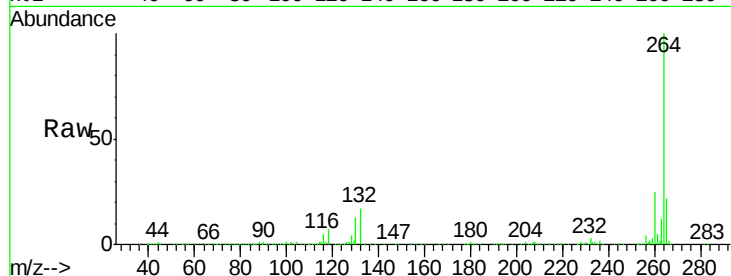
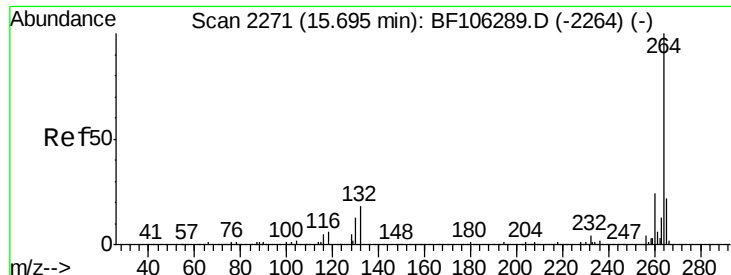


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF106297.D
Acq: 11 Jun 2018 16:28

Instrument :
BNA_F
ClientSampleId :
PB110108BL

Tgt Ion:	264	Resp:	559860
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	17.5	26.3

