

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
 Data File : BF106522.D
 Acq On : 16 Jun 2018 5:37
 Operator : JU/SJ
 Sample : J3447-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 06:52:22 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

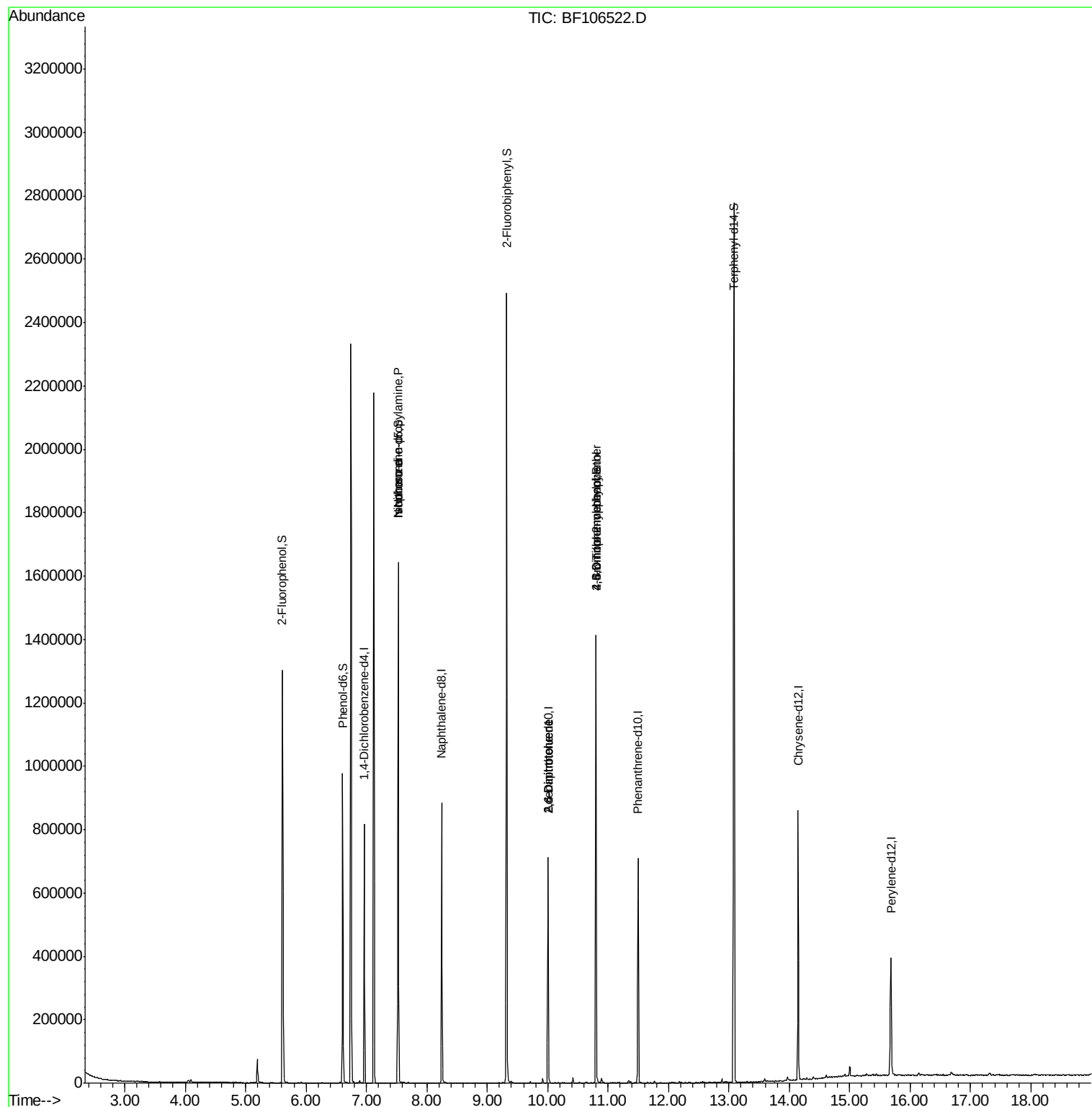
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	105882	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	352263	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	133457	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	255225	20.00	ng	0.00
75) Chrysene-d12	14.15	240	276817	20.00	ng	0.00
86) Perylene-d12	15.68	264	191836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	385826	61.67	ng	0.00
7) Phenol-d6	6.61	99	292551	37.01	ng	0.00
23) Nitrobenzene-d5	7.53	82	554926	92.67	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	182961	142.48	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	855688	137.02	ng	0.00
78) Terphenyl-d14	13.08	244	991589	88.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	75358	12.709	ng	# 75
25) Isophorone	7.53	82	554921	47.446	ng	# 64
50) 2,6-Dinitrotoluene	10.01	165	16282	8.360	ng	# 24
56) 2,4-Dinitrotoluene	10.01	165	16282	6.657	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.80	198	361	6.523	ng	# 29
66) 4-Bromophenyl-phenylether	10.80	248	12056	4.153	ng	# 1

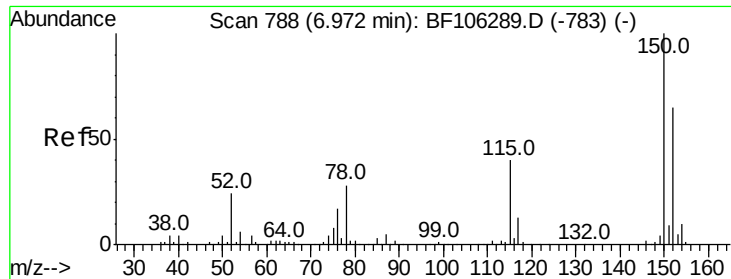
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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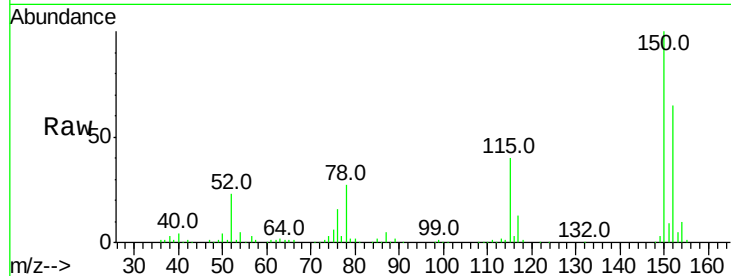


#1

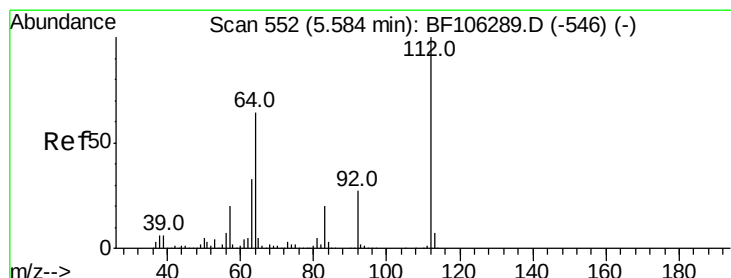
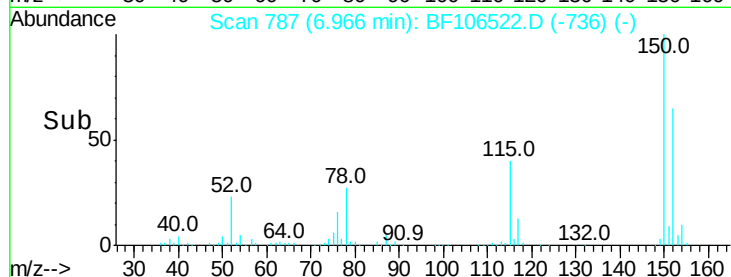
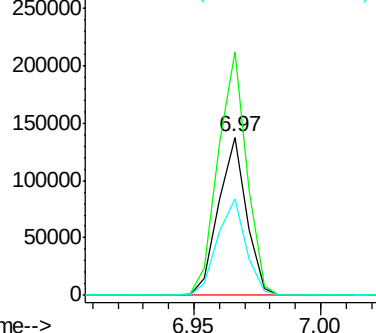
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106522.D
Acq: 16 Jun 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105882
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 60.7 50.1 75.1



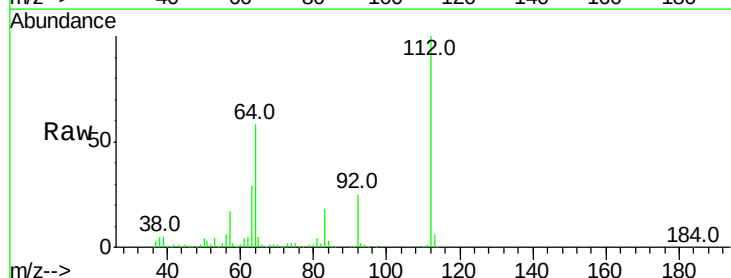
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



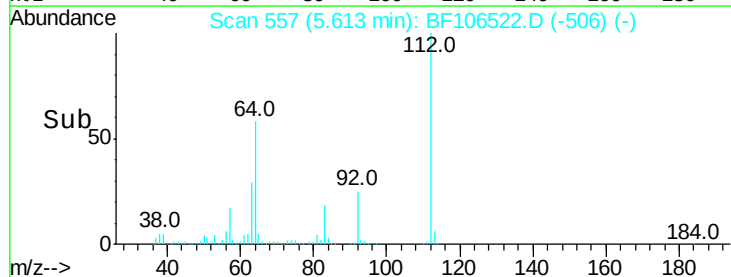
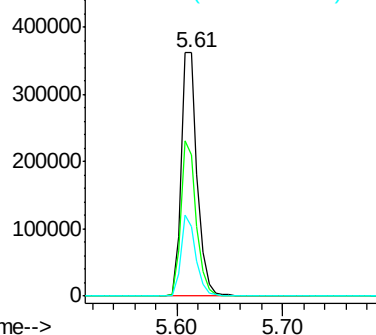
#5

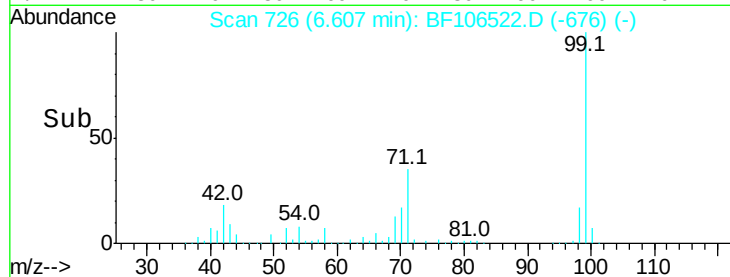
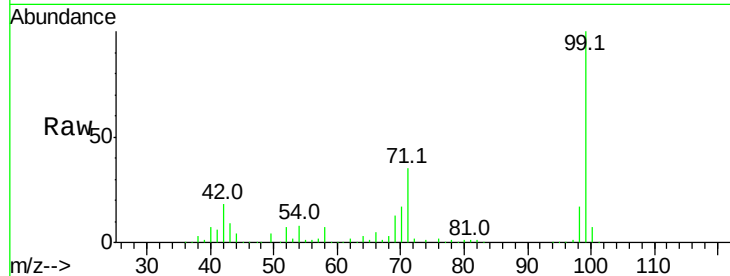
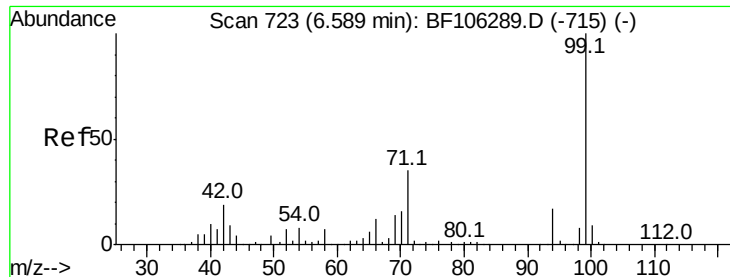
2-Fluorophenol
Concen: 61.673 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106522.D
Acq: 16 Jun 2018 5:37

Tgt Ion:112 Resp: 385826
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 28.8 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: 37.014 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106522.D

Acq: 16 Jun 2018 5:37

Instrument :

BNA_F

ClientSampleId :

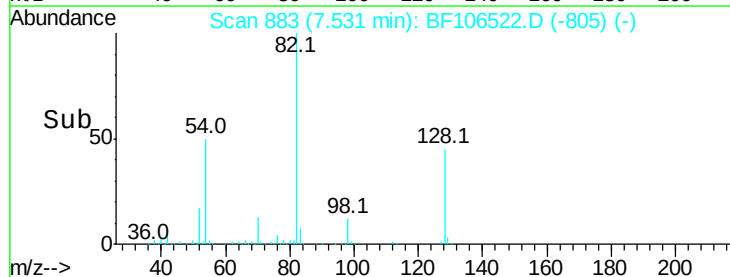
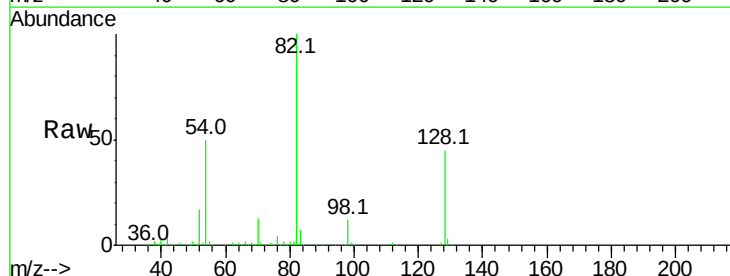
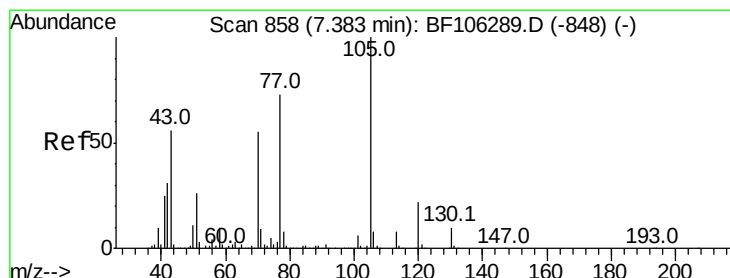
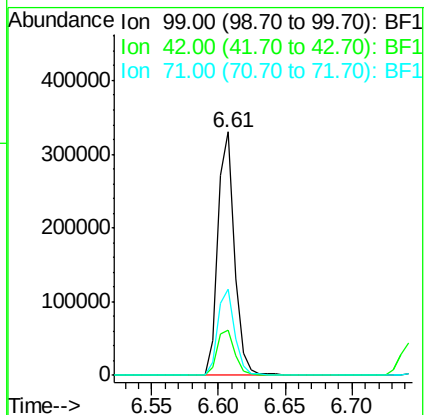
Tot Ion: 99 Resp: 292551

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 35.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.709 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106522.D

Acq: 16 Jun 2018 5:37

Tgt Ion: 70 Resp: 75358

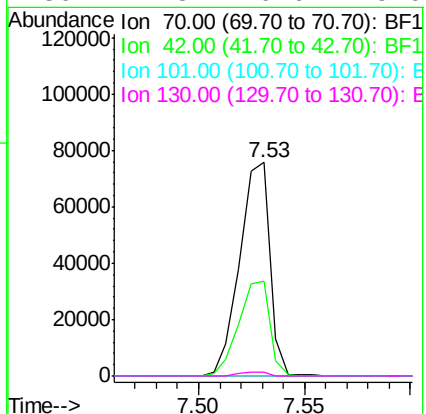
Ion Ratio Lower Upper

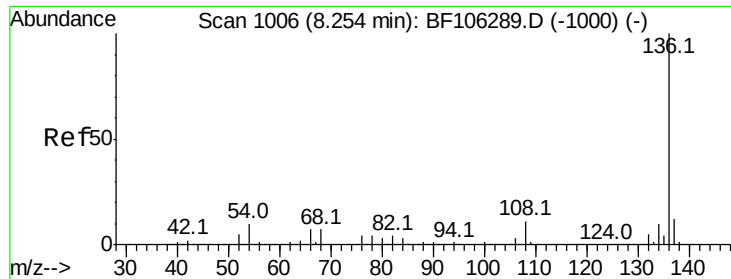
70 100

42 44.3 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

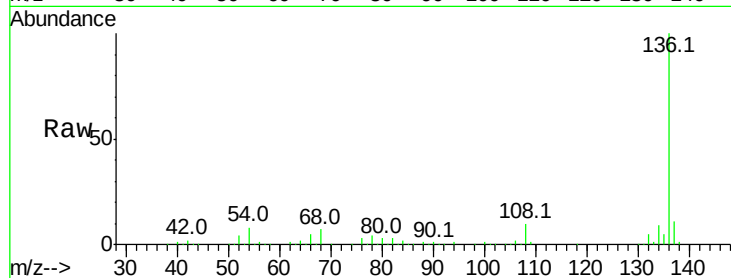




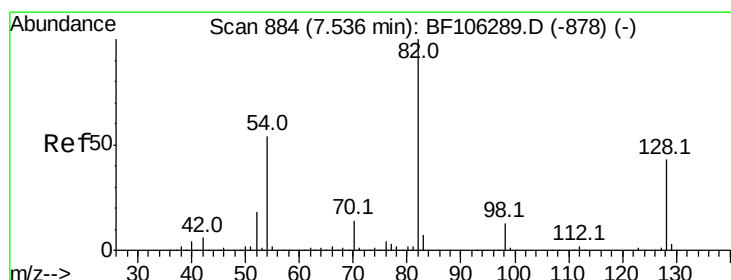
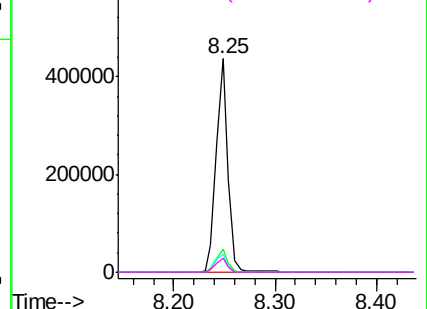
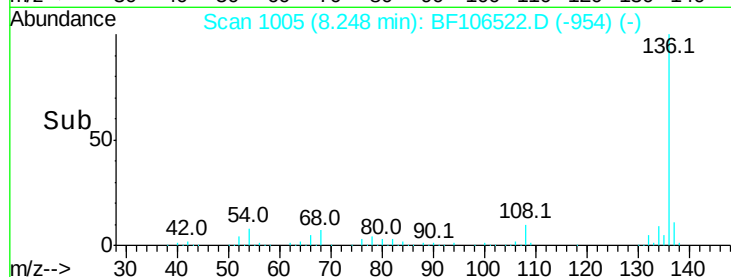
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106522.D
Acq: 16 Jun 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	352263
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.5	6.6	9.8
68	6.6	5.0	7.4

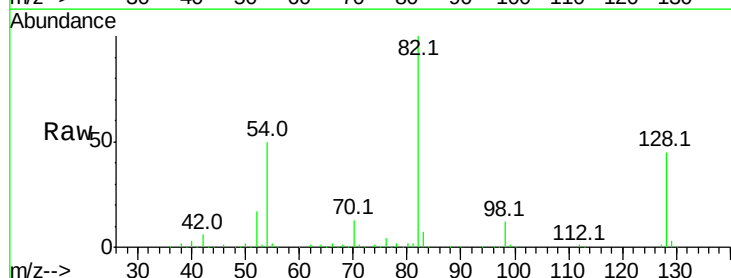


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

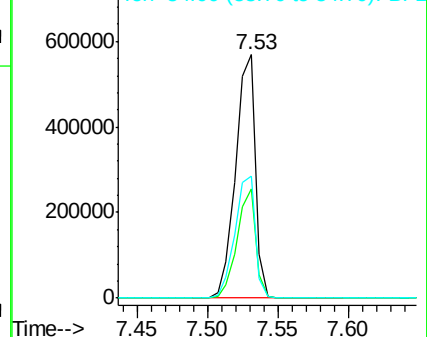
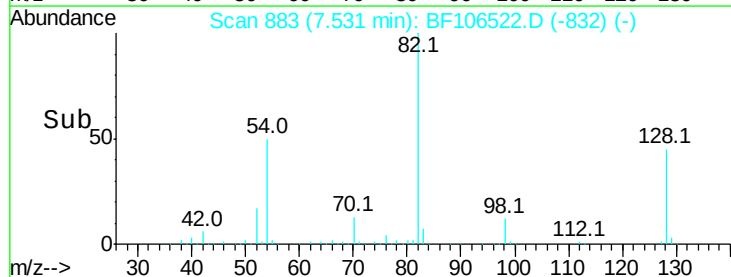


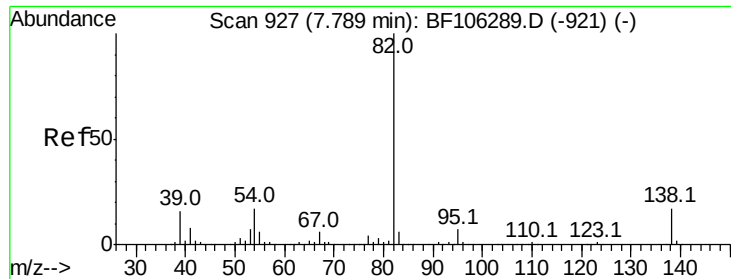
#23
Nitrobenzene-d5
Concen: 92.674 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106522.D
Acq: 16 Jun 2018 5:37

Tgt Ion:	82	Resp:	554926
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	50.4	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: 47.446 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106522.D

Acq: 16 Jun 2018 5:37

Instrument :

BNA_F

ClientSampleId :

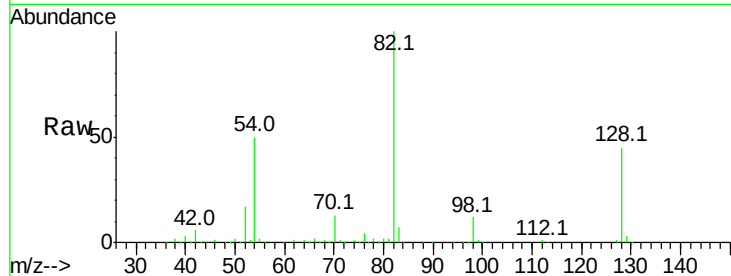
Tot Ion: 82 Resp: 554921

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

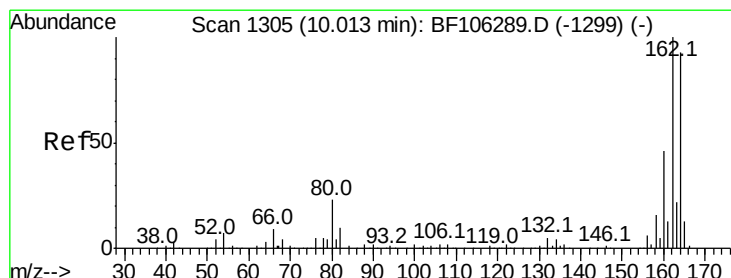
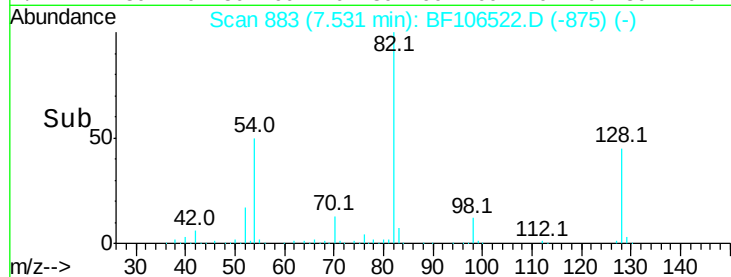
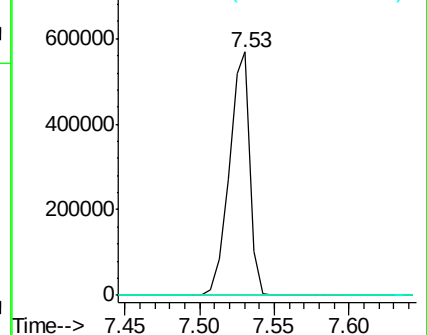
138 0.0 14.9 22.3#



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: BF106522.D

Acq: 16 Jun 2018 5:37

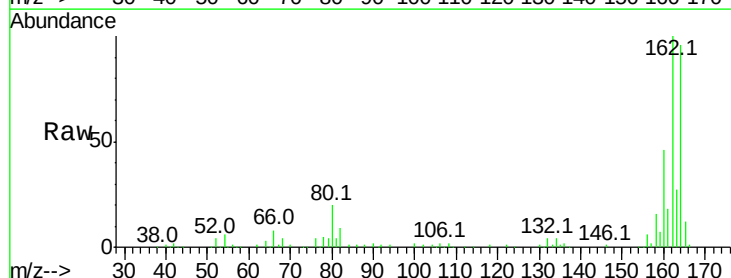
Tgt Ion:164 Resp: 133457

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

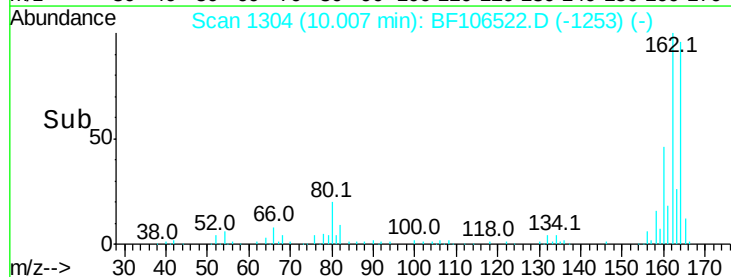
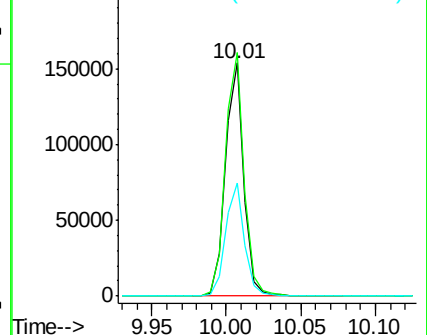
160 48.6 38.3 57.5

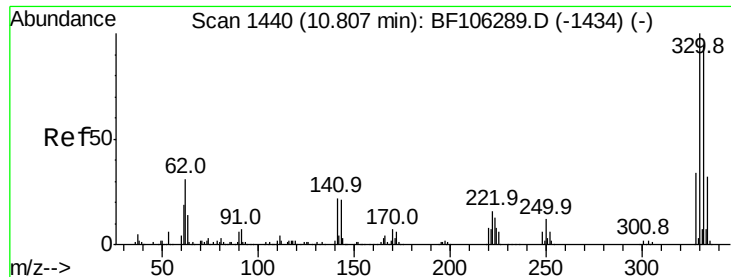


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

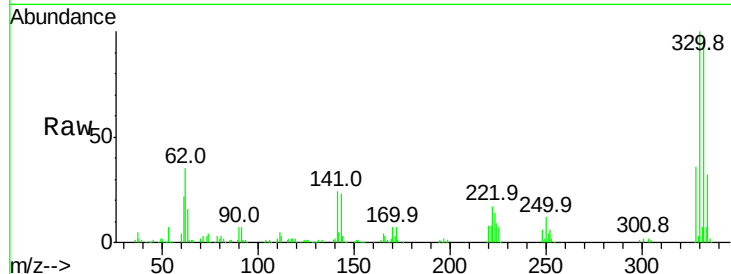




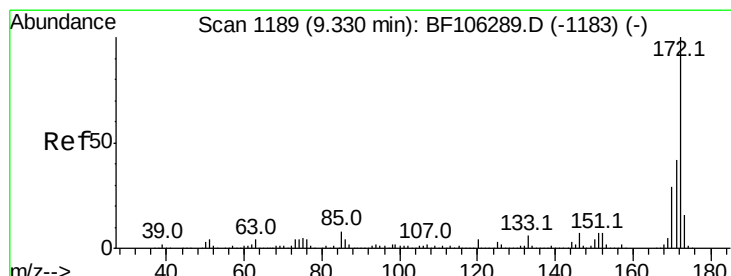
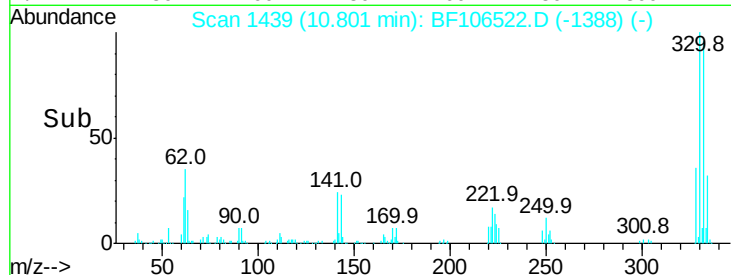
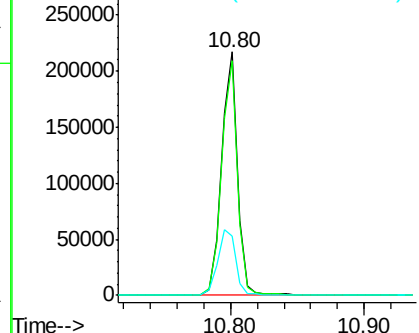
#41
 2,4,6-Tribromophenol
 Concen: 142.483 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106522.D
 Acq: 16 Jun 2018 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	30.5	29.9	44.9

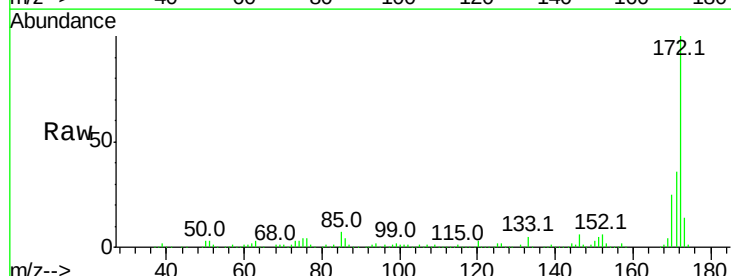


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

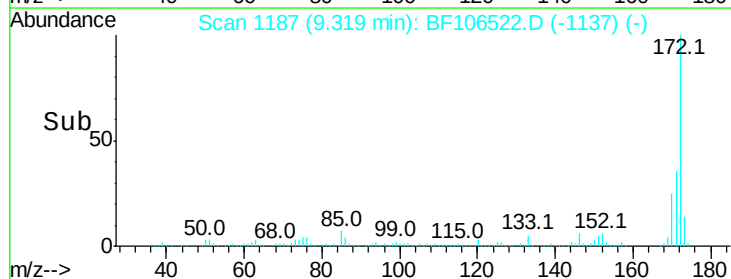
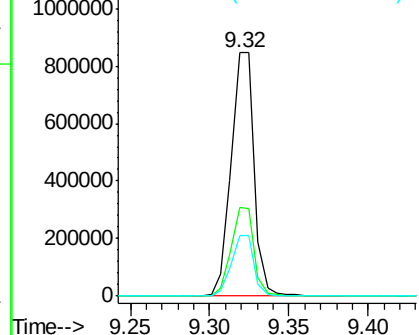


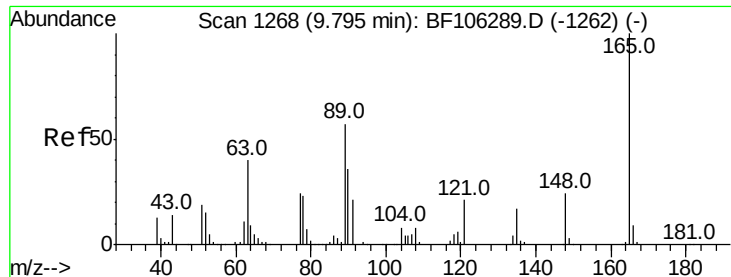
#44
 2-Fluorobiphenyl
 Concen: 137.018 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106522.D
 Acq: 16 Jun 2018 5:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.8	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

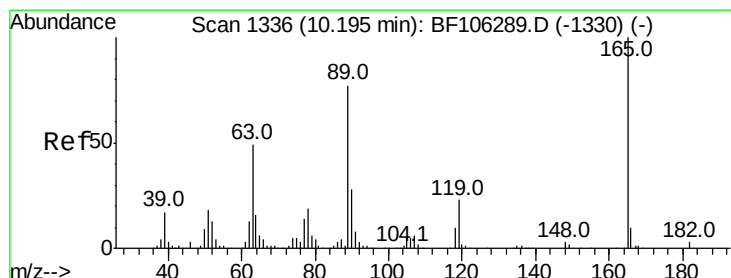
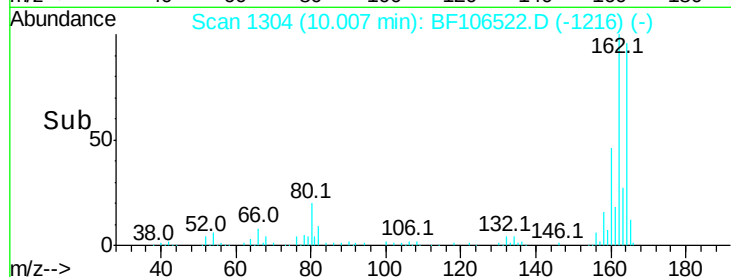
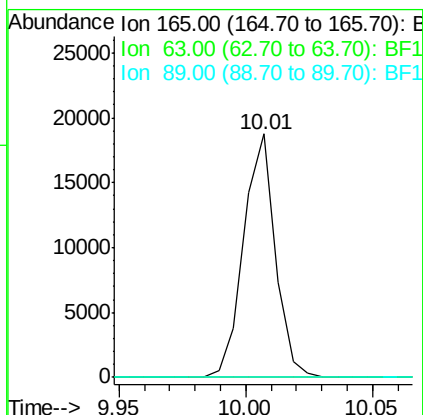
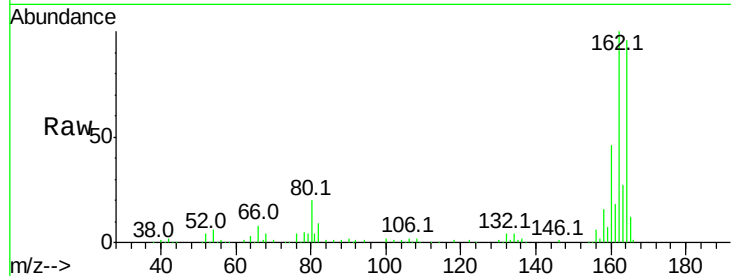




#50
 2,6-Dinitrotoluene
 Concen: 8.360 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.22 min
 Lab File: BF106522.D
 Acq: 16 Jun 2018 5:37

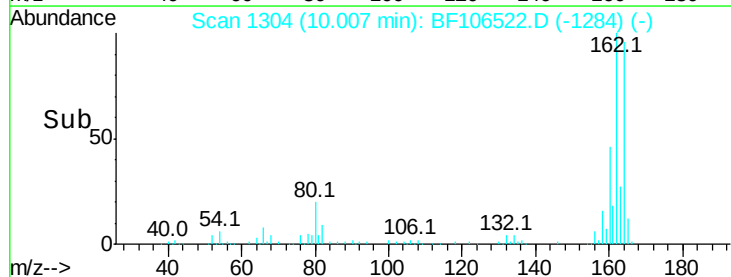
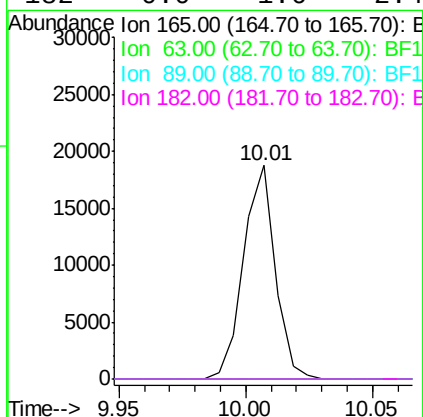
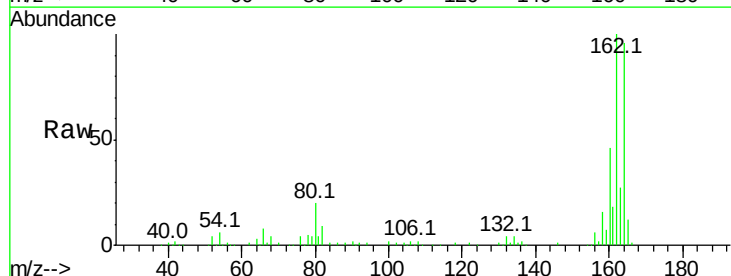
Instrument :
 BNA_F
 ClientSampled :

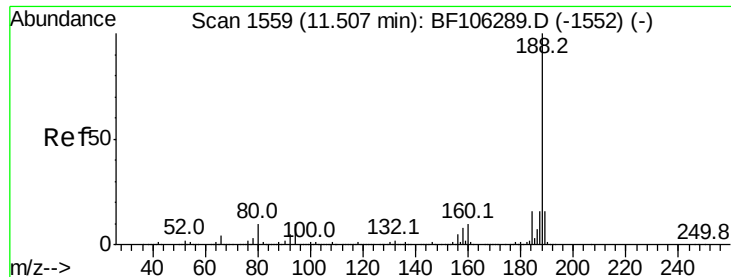
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.657 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.18 min
 Lab File: BF106522.D
 Acq: 16 Jun 2018 5:37

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

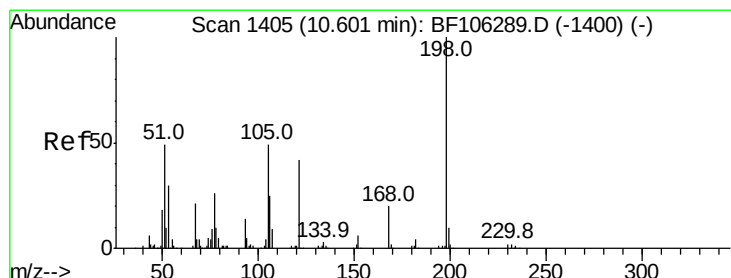
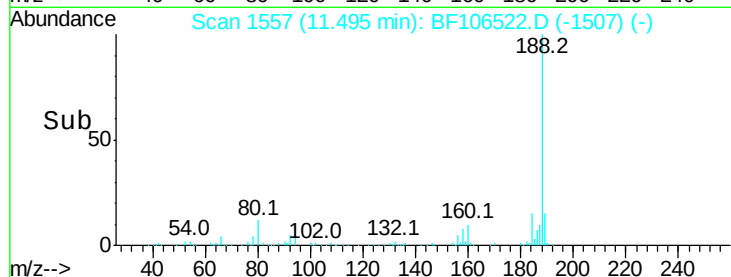
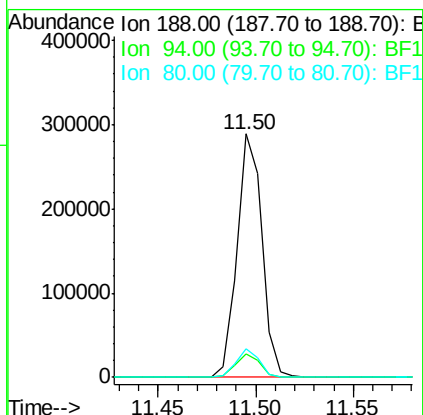
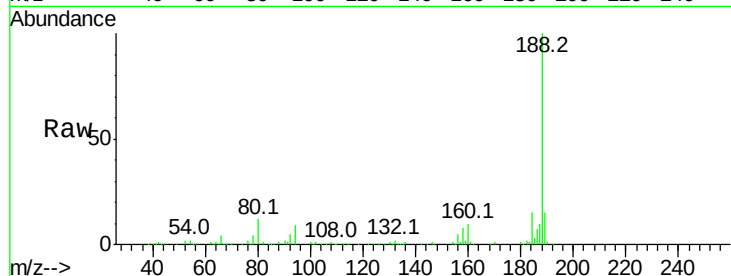




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106522.D
Acq: 16 Jun 2018 5:37

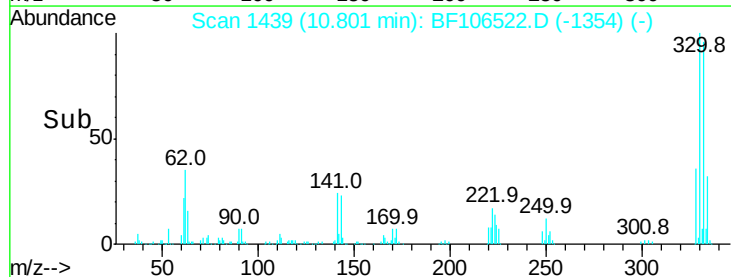
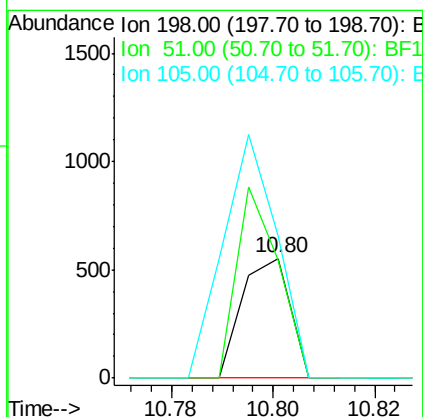
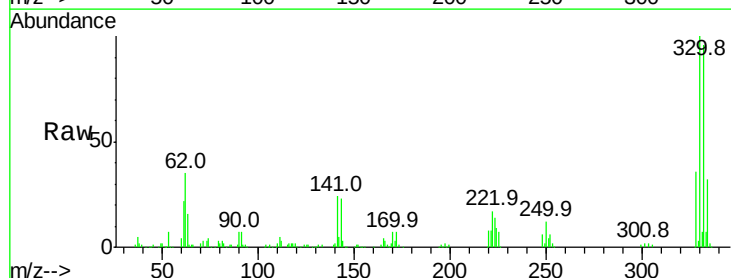
Instrument :
BNA_F
ClientSampleId :

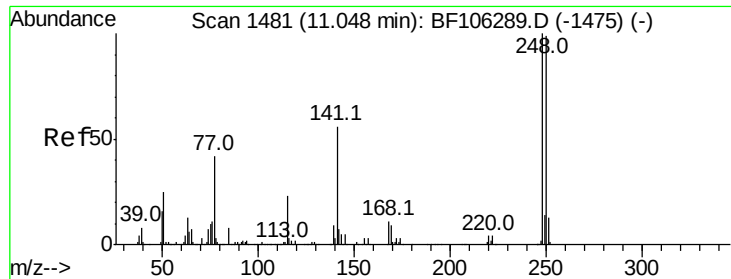
Tot Ion:188 Resp: 255225
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 11.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.523 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106522.D
Acq: 16 Jun 2018 5:37

Tgt Ion:198 Resp: 361
Ion Ratio Lower Upper
198 100
51 99.1 37.7 77.7#
105 119.6 36.3 76.3#

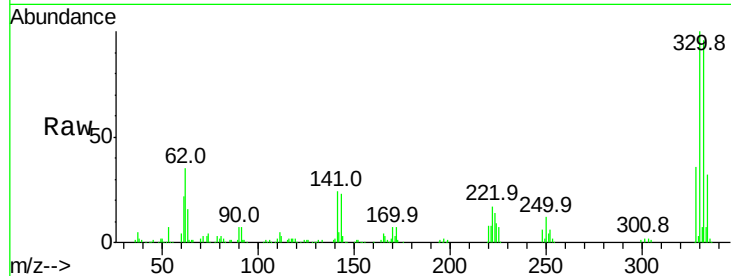




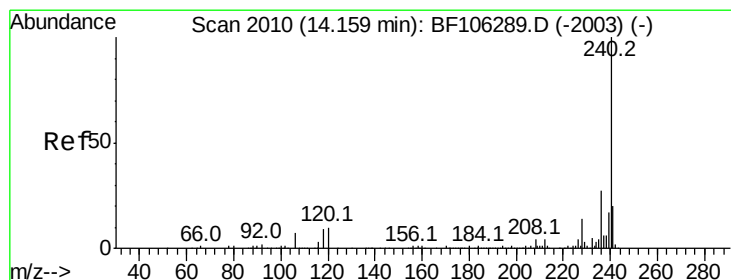
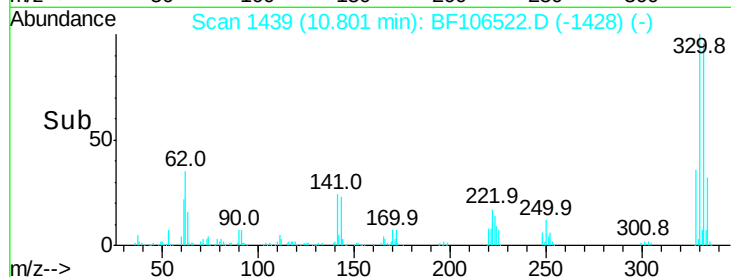
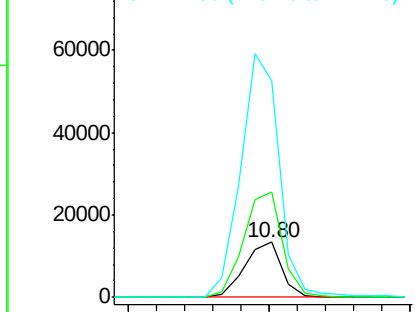
#66
 4-Bromophenyl-phenylether
 Concen: 4.153 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106522.D
 Acq: 16 Jun 2018 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12056
 Ion Ratio Lower Upper
 248 100
 250 192.4 76.9 115.3#
 141 393.9 74.4 111.6#

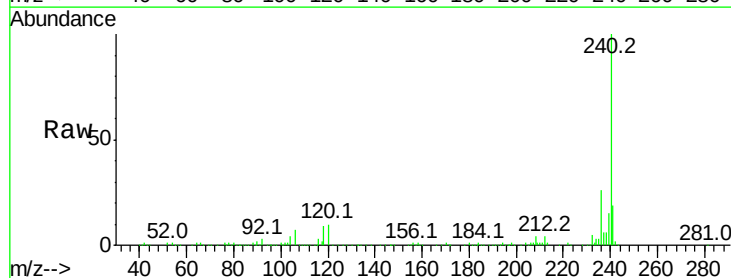


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

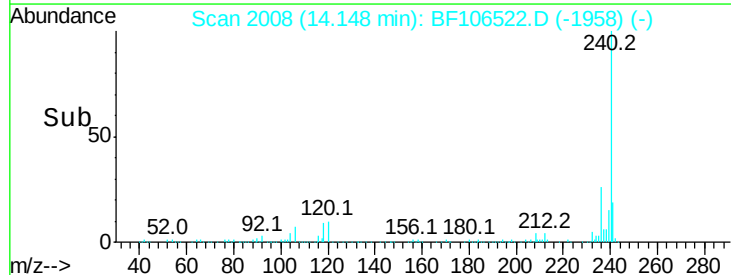
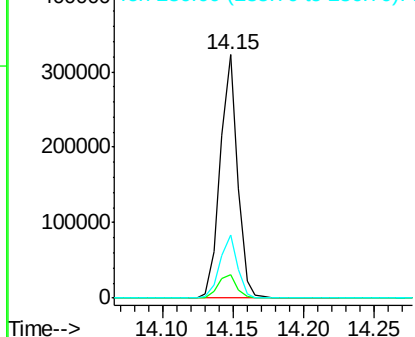


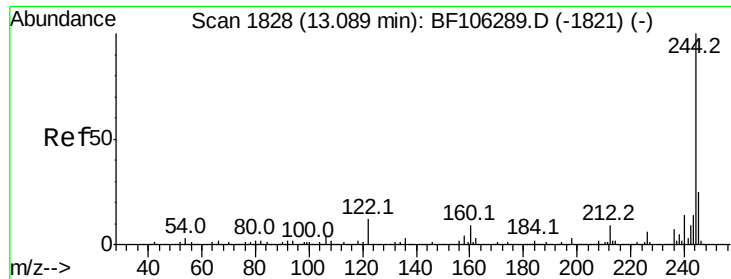
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106522.D
 Acq: 16 Jun 2018 5:37

Tgt Ion:240 Resp: 276817
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.5 14.3
 236 25.9 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

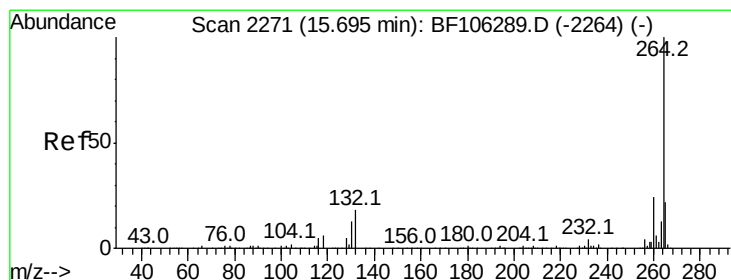
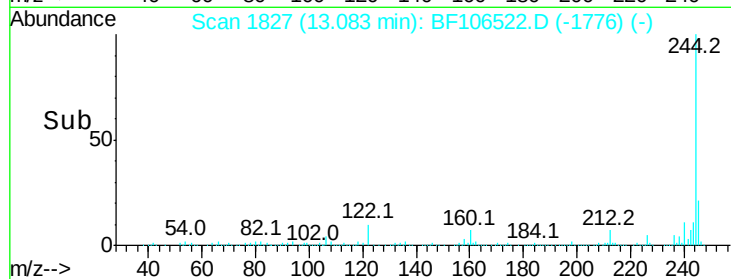
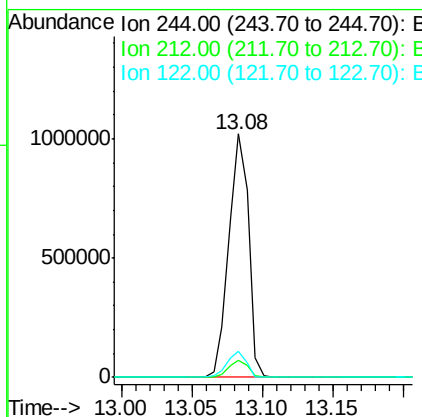
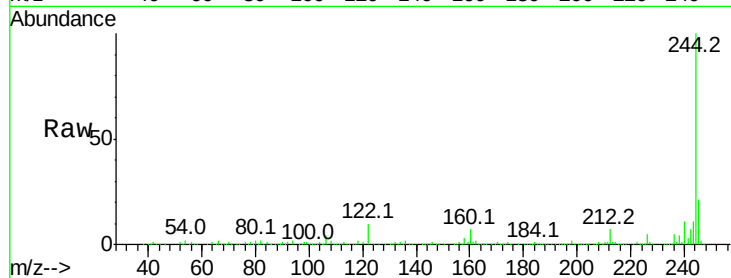




#78
 Terphenyl-d14
 Concen: 88.972 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106522.D
 Acq: 16 Jun 2018 5:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 991589
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF106522.D
 Acq: 16 Jun 2018 5:37

Tgt Ion:264 Resp: 191836
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.0 17.5 26.3

