

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106570.D
 Acq On : 19 Jun 2018 6:24
 Operator : JU/SJ
 Sample : J3562-07
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 08:27:25 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	112485	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	413249	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	174692	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	269470	20.00	ng	0.00
75) Chrysene-d12	14.15	240	297296	20.00	ng	0.00
86) Perylene-d12	15.68	264	259702	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	412345	62.04	ng	0.00
7) Phenol-d6	6.61	99	318375	37.92	ng	0.00
23) Nitrobenzene-d5	7.53	82	708270	100.83	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	240950	143.35	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1091032	130.35	ng	0.00
78) Terphenyl-d14	13.08	244	1031244	86.16	ng	0.00

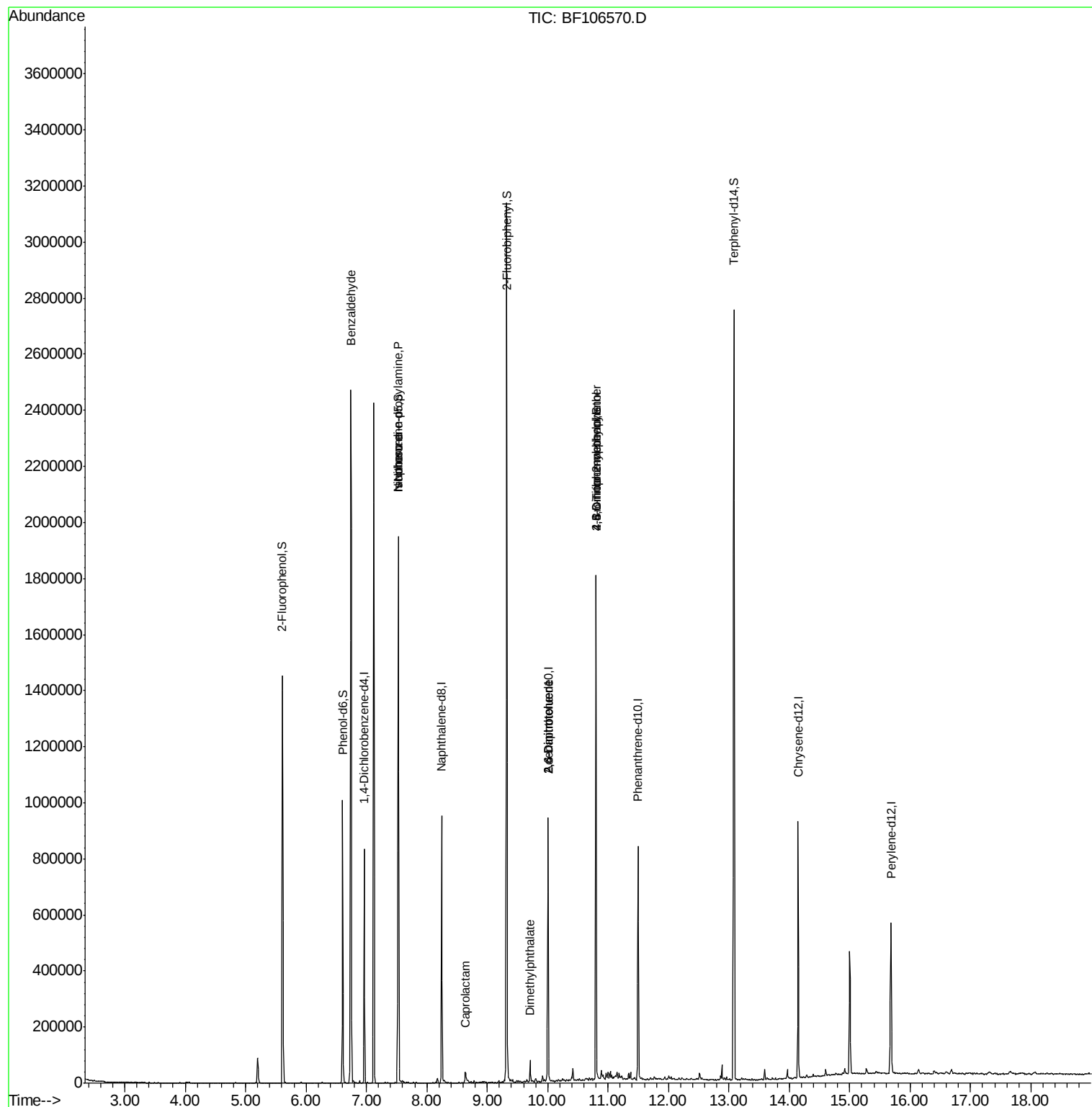
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	16439	2.581	ng	# 77
19) n-Nitroso-di-n-propylamine	7.53	70	95045	15.088	ng	# 74
25) Isophorone	7.53	82	708258	51.620	ng	# 64
35) Caprolactam	8.64	113	5517	2.911	ng	# 89
49) Dimethylphthalate	9.71	163	28077	2.250	ng	# 100
50) 2,6-Dinitrotoluene	10.01	165	22440	8.802	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	22440	7.009	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	469	6.575	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	15087	4.923	ng	# 1

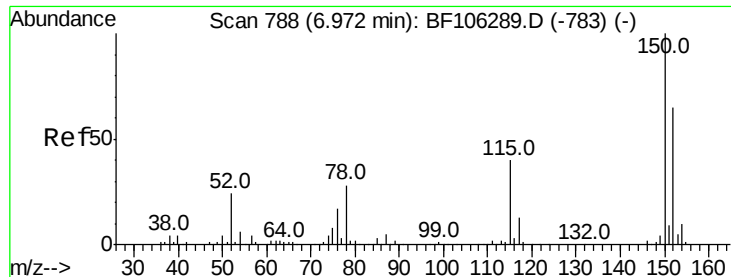
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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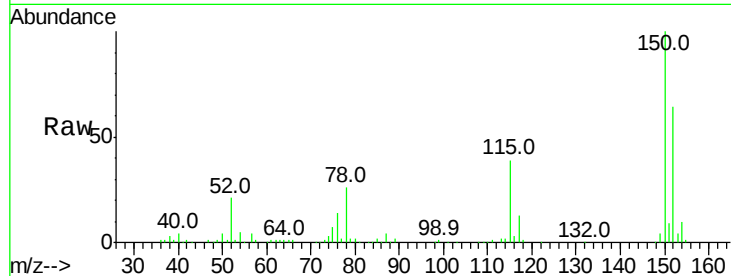


#1

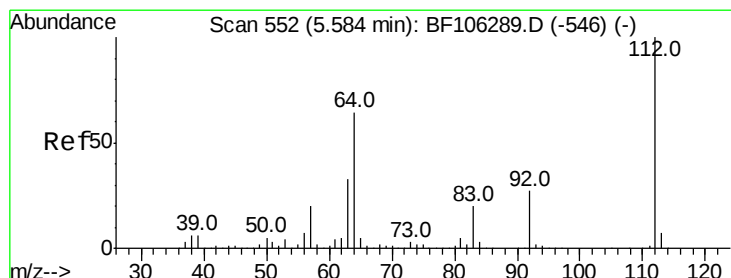
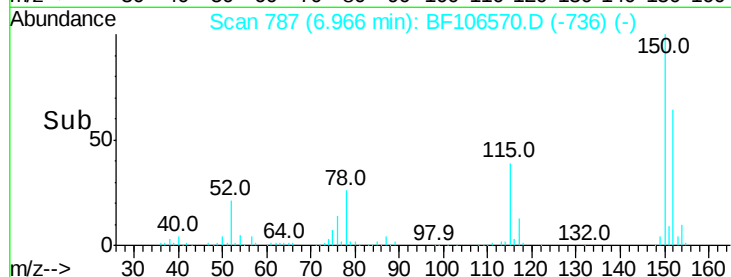
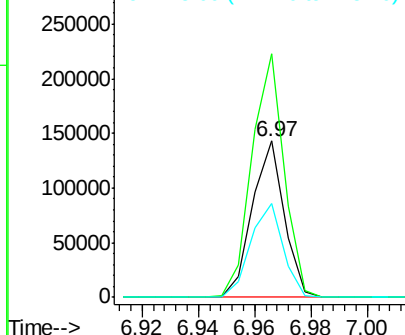
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106570.D
Acq: 19 Jun 2018 6:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112485
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.2 50.1 75.1



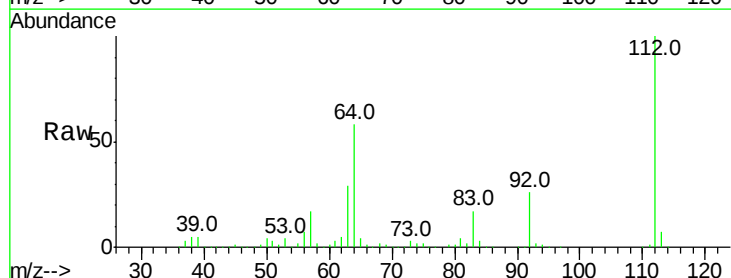
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



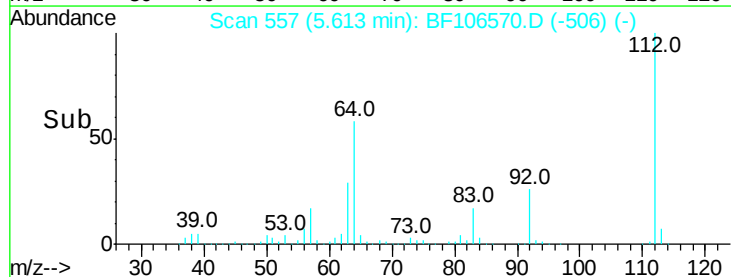
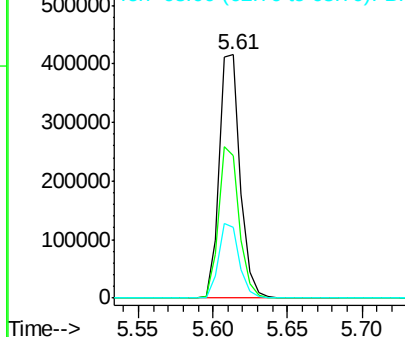
#5

2-Fluorophenol
Concen: 62.043 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106570.D
Acq: 19 Jun 2018 6:24

Tgt Ion:112 Resp: 412345
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 29.1 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: 37.917 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106570.D

Acq: 19 Jun 2018 6:24

Instrument :

BNA_F

ClientSampled :

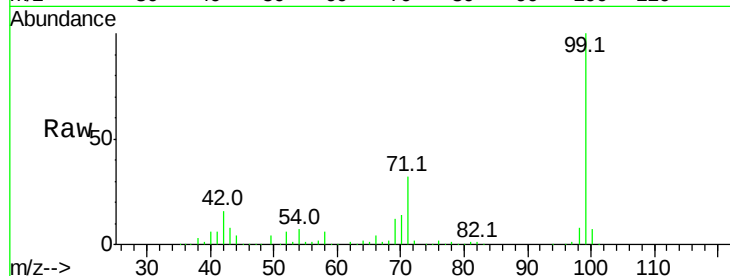
Tot Ion: 99 Resp: 318375

Ion Ratio Lower Upper

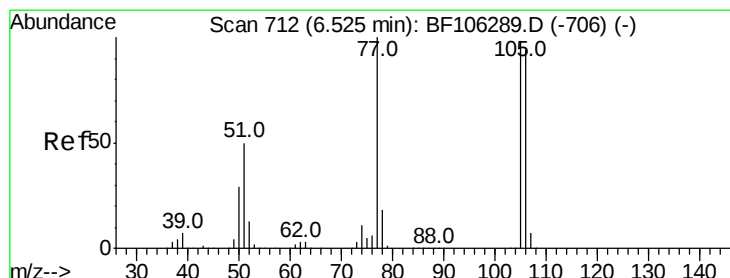
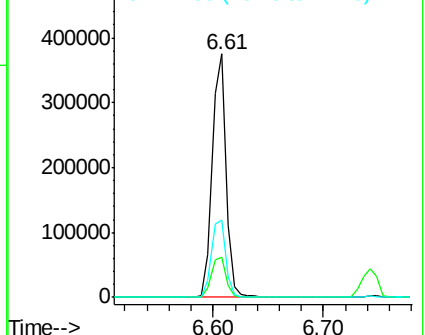
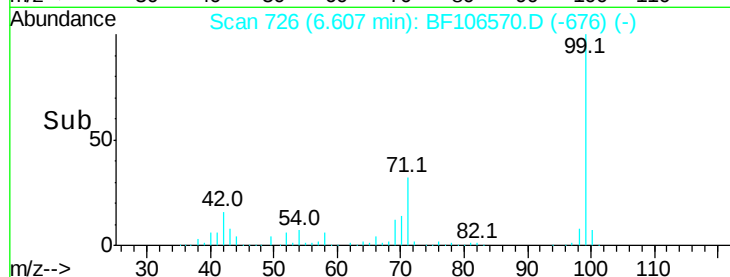
99 100

42 16.3 14.5 21.7

71 32.0 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



#9

Benzaldehyde

Concen: 2.581 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106570.D

Acq: 19 Jun 2018 6:24

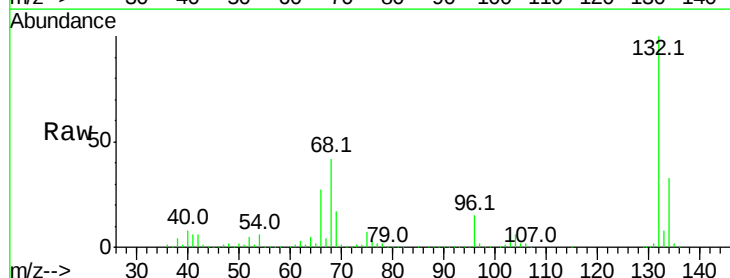
Tgt Ion: 77 Resp: 16439

Ion Ratio Lower Upper

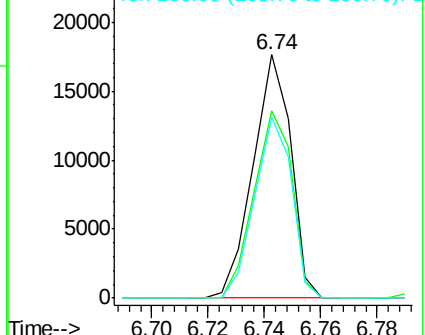
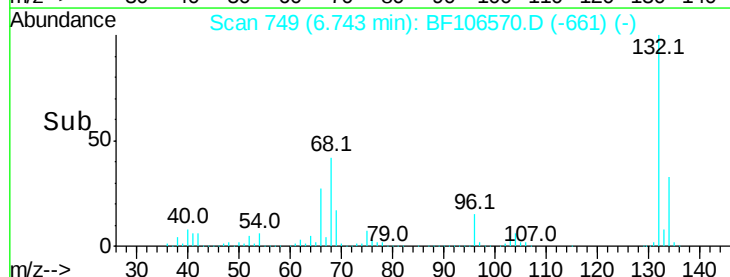
77 100

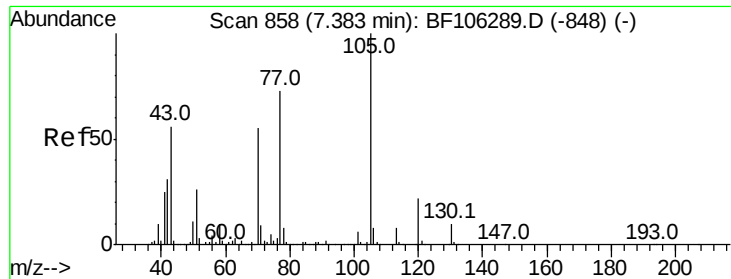
105 76.8 81.1 121.1#

106 74.3 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

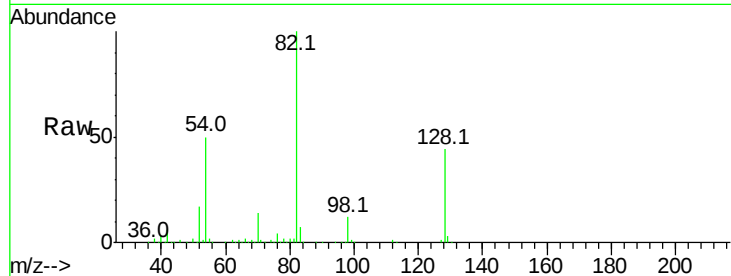




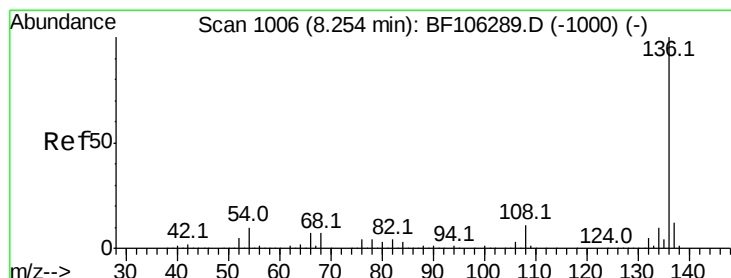
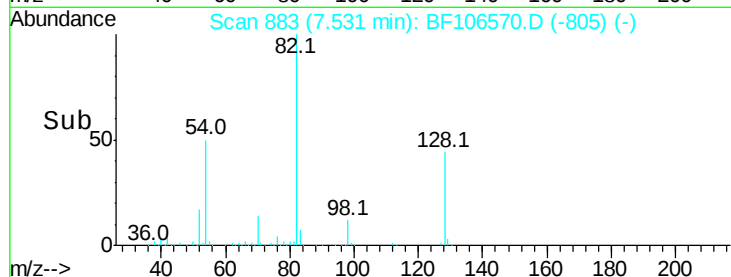
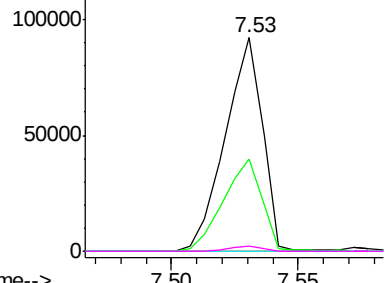
#19
n-Nitroso-di-n-propylamine
Concen: 15.088 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106570.D
Acq: 19 Jun 2018 6:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 95045
Ion Ratio Lower Upper
70 100
42 43.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



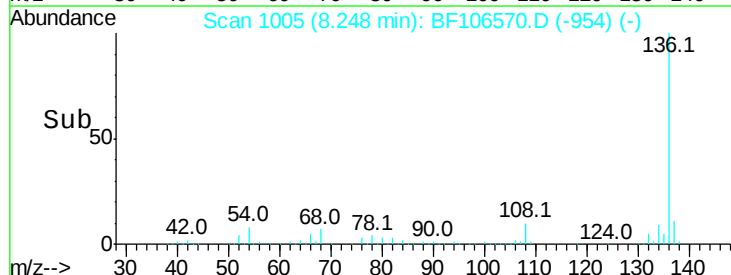
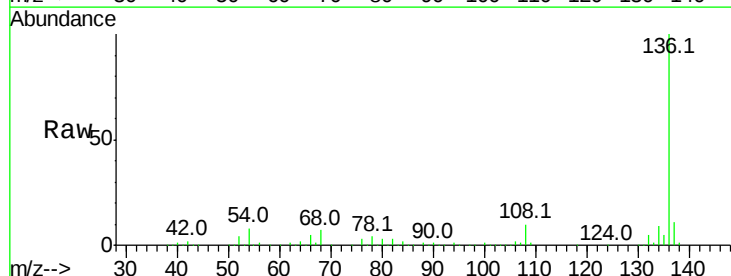
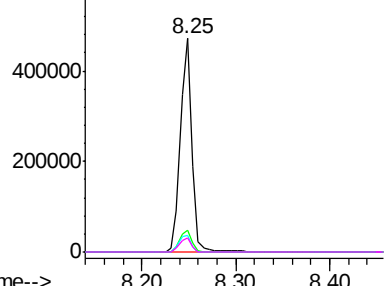
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

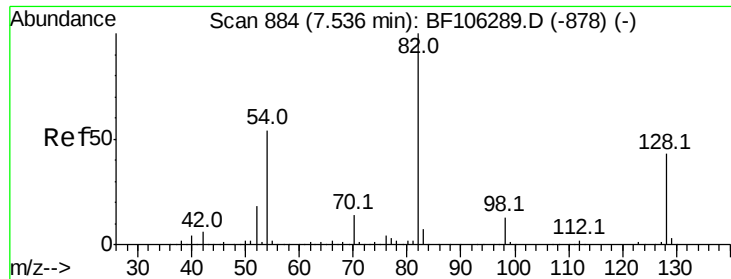


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106570.D
Acq: 19 Jun 2018 6:24

Tgt Ion: 136 Resp: 413249
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.0 6.6 9.8
68 6.5 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

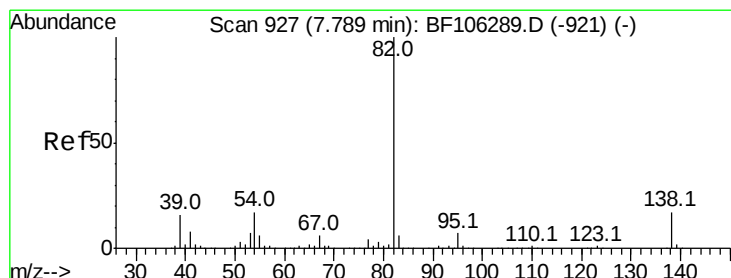
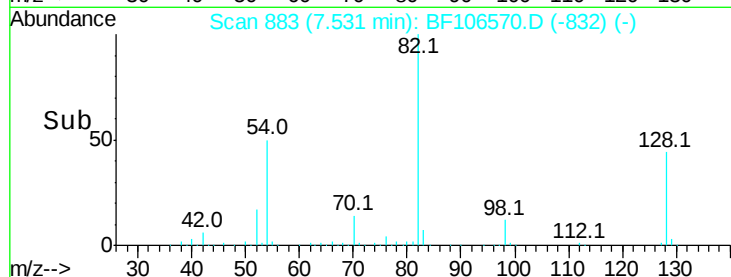
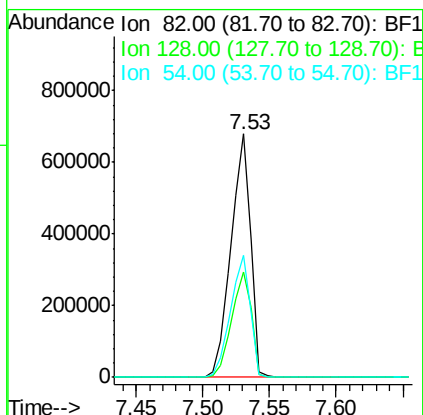
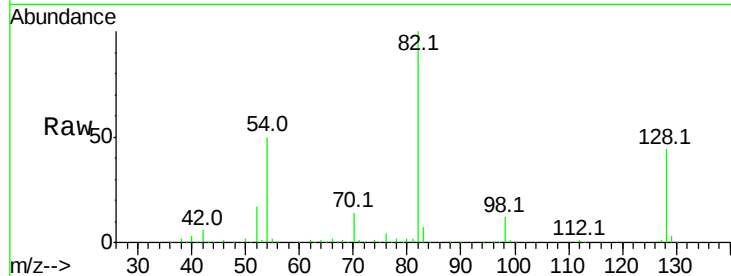




#23
 Nitrobenzene-d5
 Concen: 100.827 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106570.D
 Acq: 19 Jun 2018 6:24

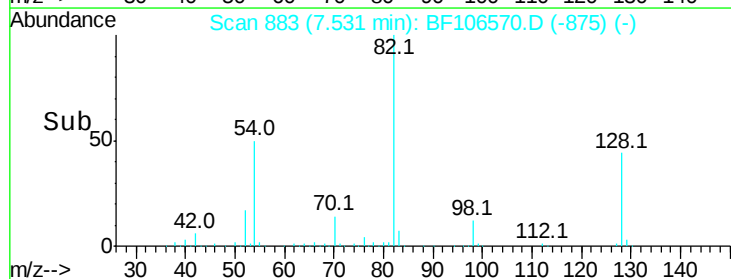
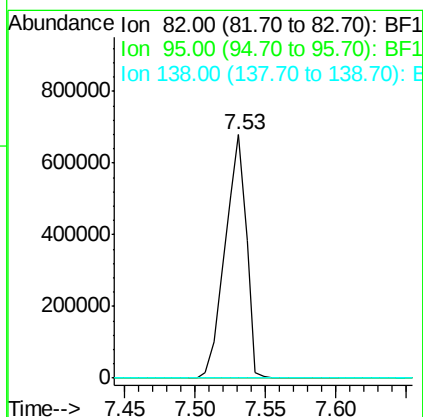
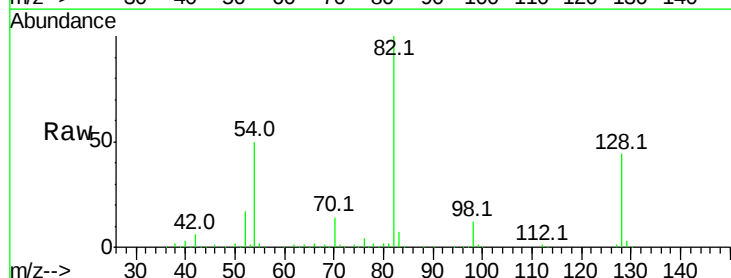
Instrument :
 BNA_F
 ClientSampleId :

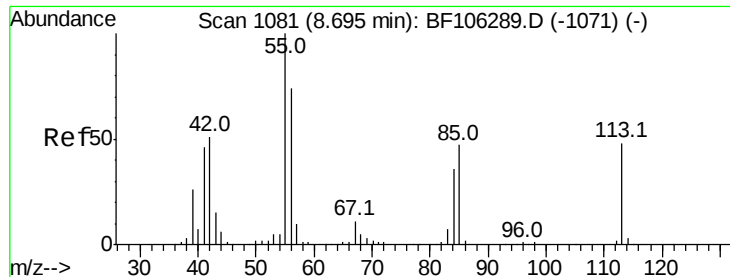
Tot Ion	82	Resp	708270
Ion Ratio	Lower	Upper	
82	100		
128	43.5	36.1	54.1
54	50.0	41.4	62.2



#25
 Isophorone
 Concen: 51.620 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.25 min
 Lab File: BF106570.D
 Acq: 19 Jun 2018 6:24

Tgt Ion	82	Resp	708258
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

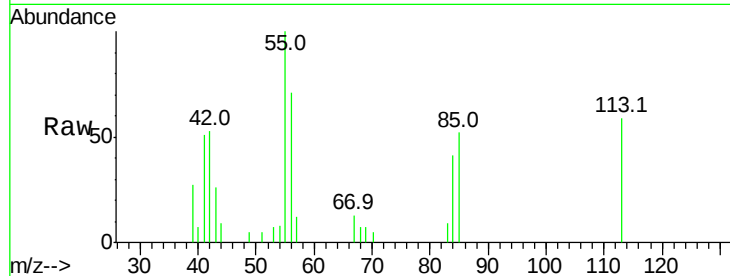




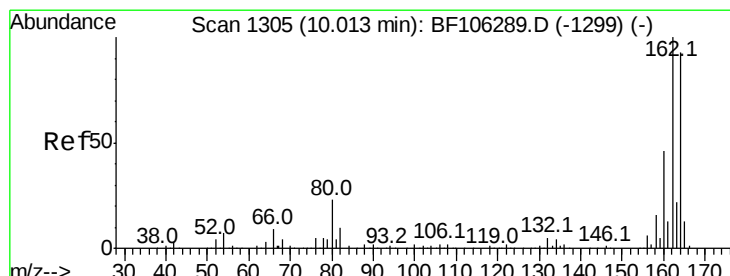
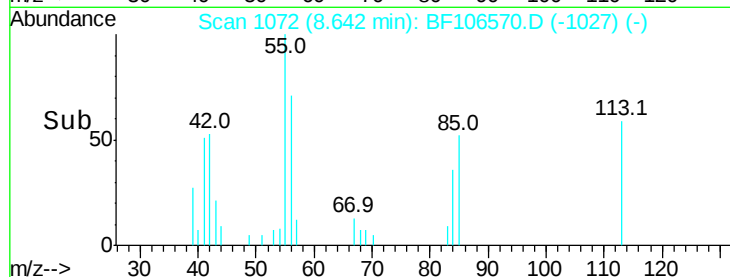
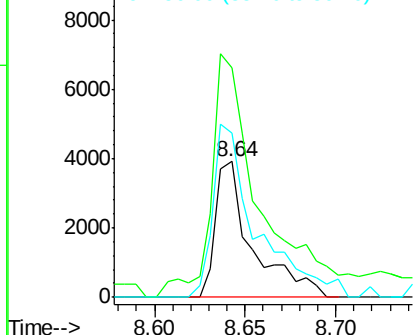
#35
Caprolactam
Concen: 2.911 ng
RT: 8.64 min Scan# 1072
Delta R.T. -0.04 min
Lab File: BF106570.D
Acq: 19 Jun 2018 6:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 5517
Ion Ratio Lower Upper
113 100
55 168.6 163.3 203.3
56 120.5 115.7 155.7

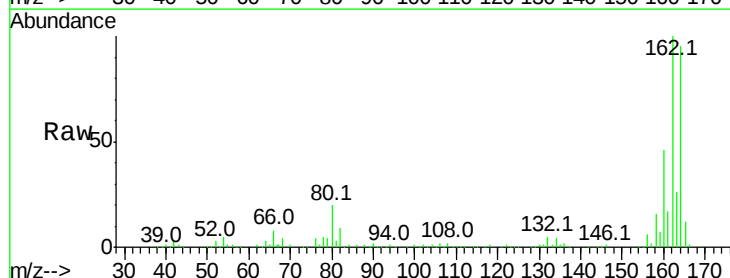


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

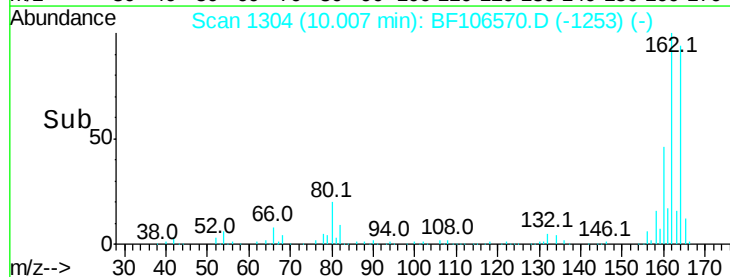
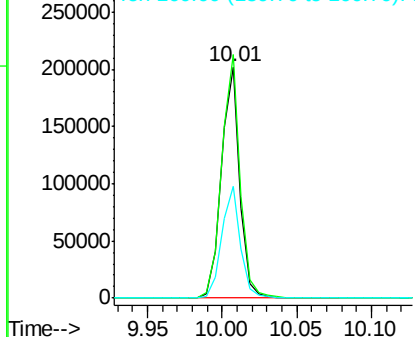


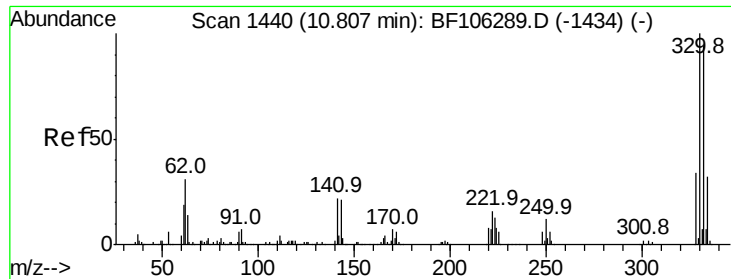
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106570.D
Acq: 19 Jun 2018 6:24

Tgt Ion:164 Resp: 174692
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 48.3 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

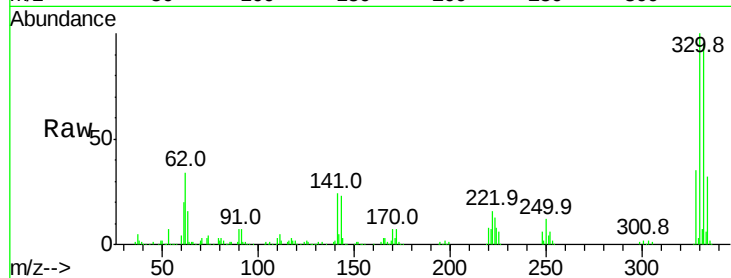




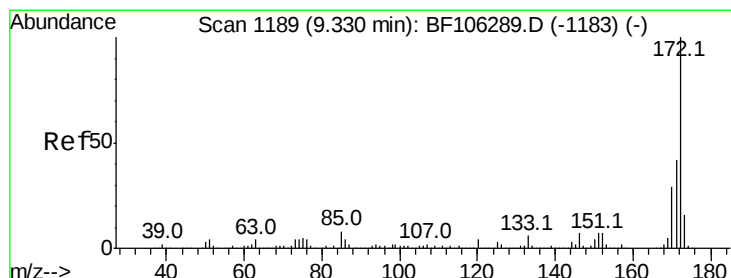
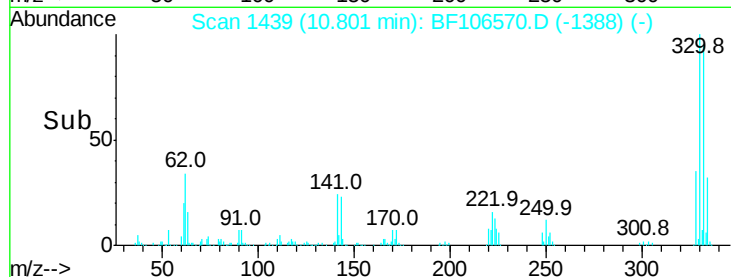
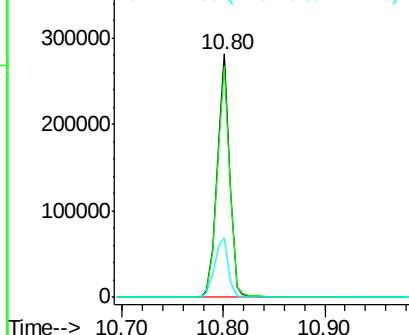
#41
 2,4,6-Tribromophenol
 Concen: 143.351 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106570.D
 Acq: 19 Jun 2018 6:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	27.4	29.9	44.9#

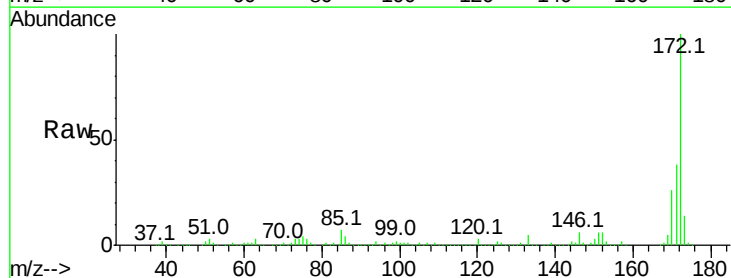


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

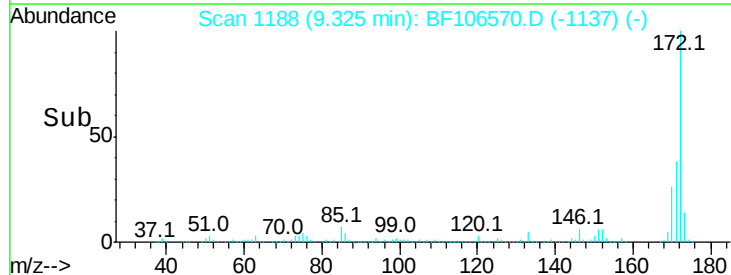
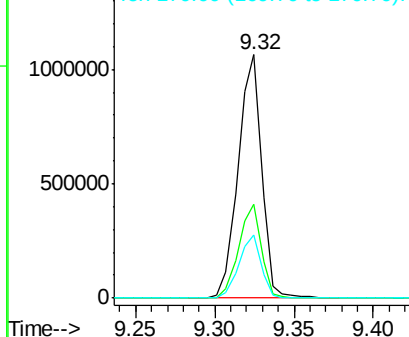


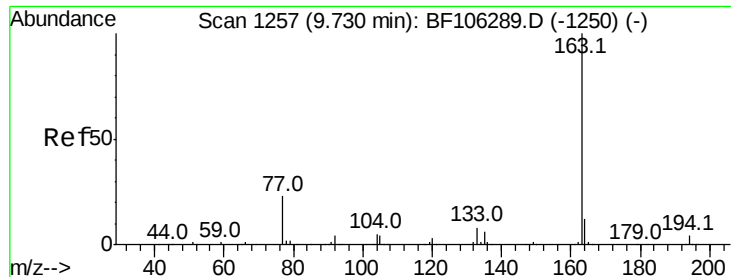
#44
 2-Fluorobiphenyl
 Concen: 130.345 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106570.D
 Acq: 19 Jun 2018 6:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.7	44.5
170	26.1	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

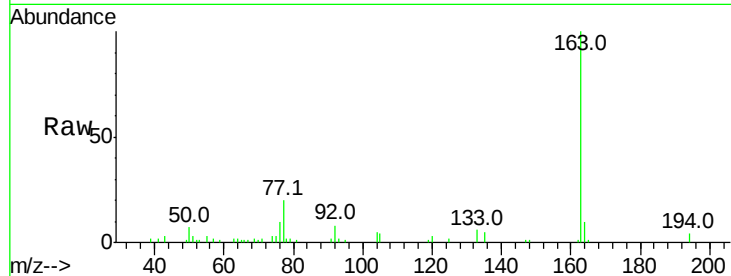




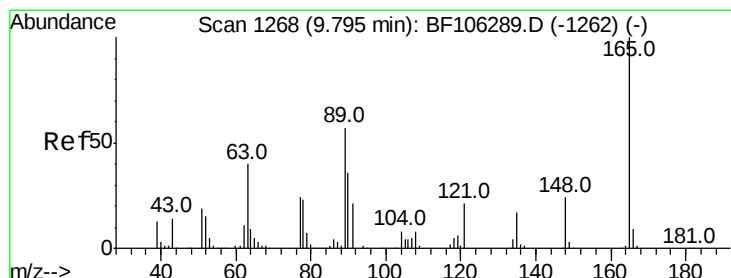
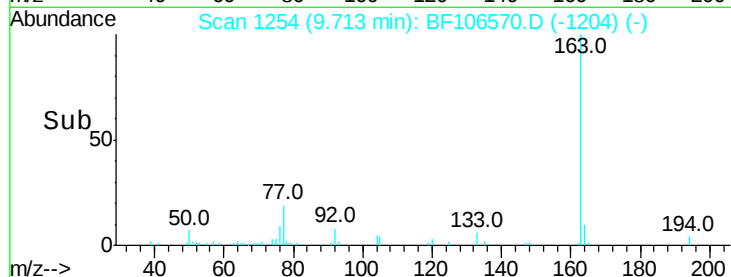
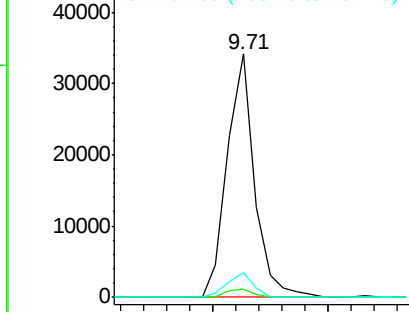
#49
Dimethylphthalate
Concen: 2.250 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106570.D
Acq: 19 Jun 2018 6:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 28077
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2

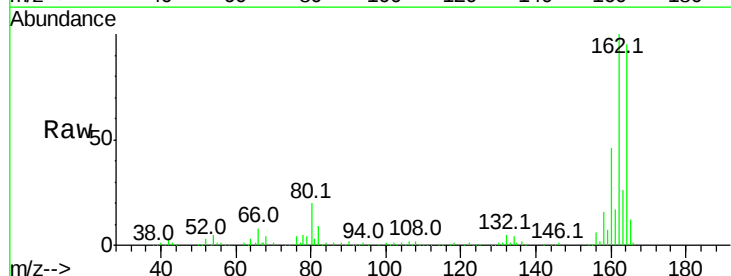


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

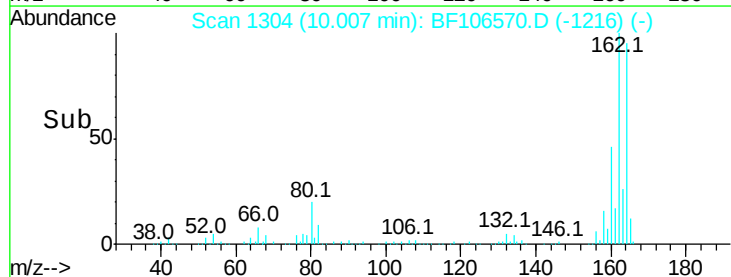
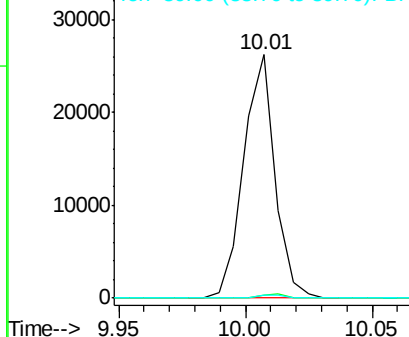


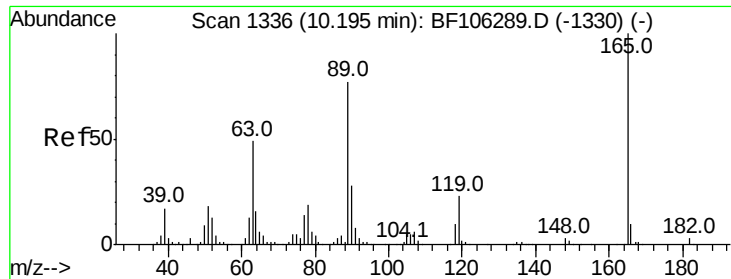
#50
2,6-Dinitrotoluene
Concen: 8.802 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.22 min
Lab File: BF106570.D
Acq: 19 Jun 2018 6:24

Tgt Ion:165 Resp: 22440
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.4 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

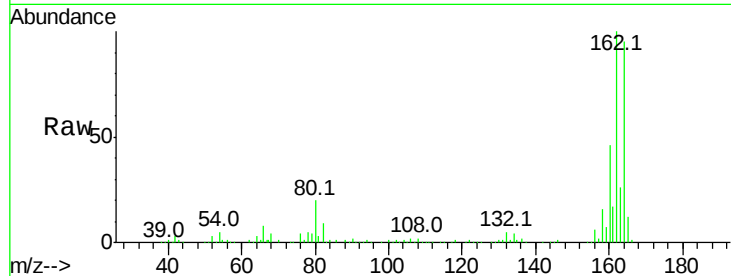




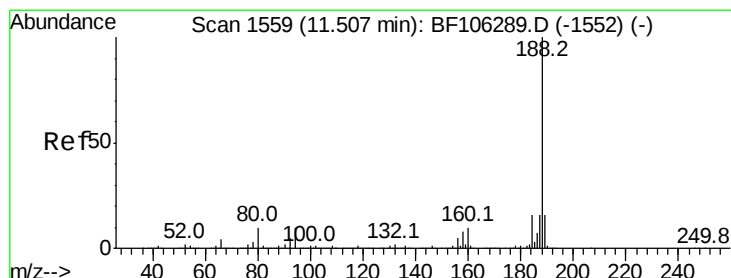
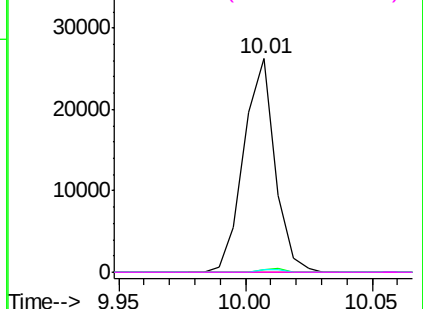
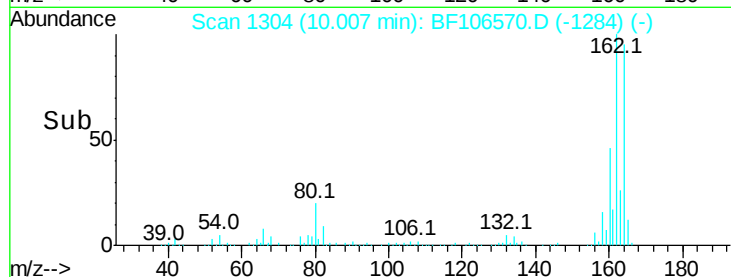
#56
 2,4-Dinitrotoluene
 Concen: 7.009 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.18 min
 Lab File: BF106570.D
 Acq: 19 Jun 2018 6:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22440
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

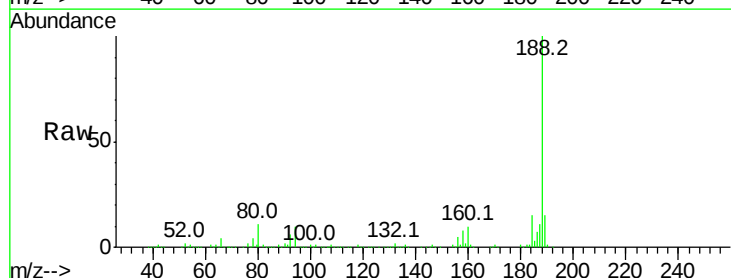


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

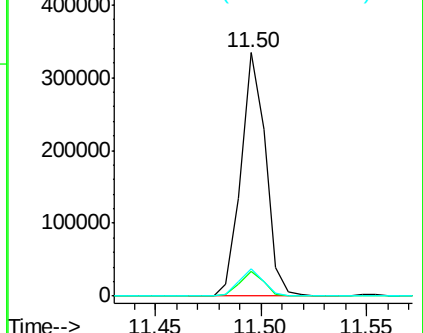
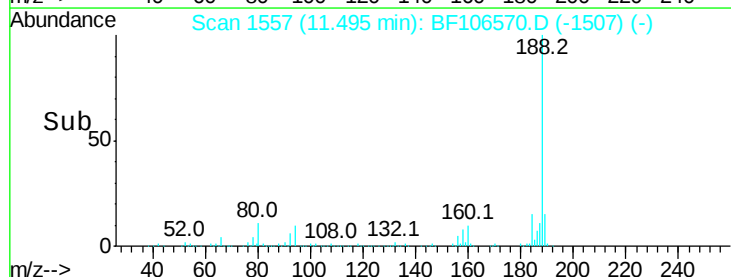


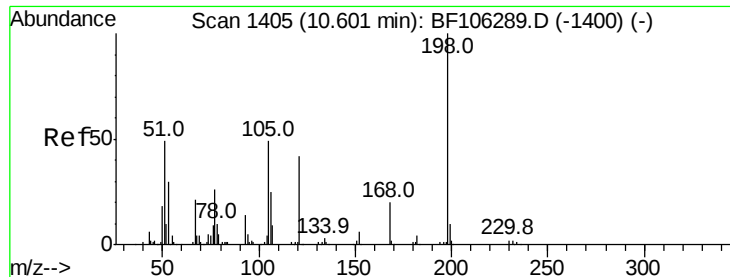
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106570.D
 Acq: 19 Jun 2018 6:24

Tgt Ion:188 Resp: 269470
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 11.2 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

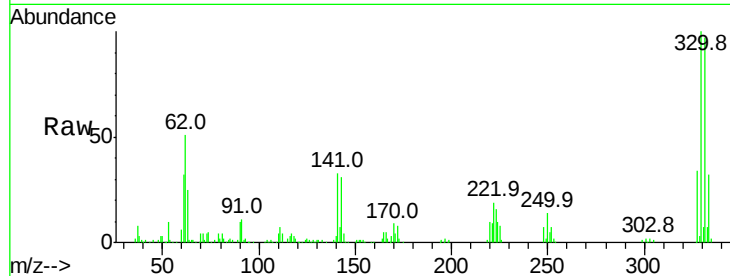




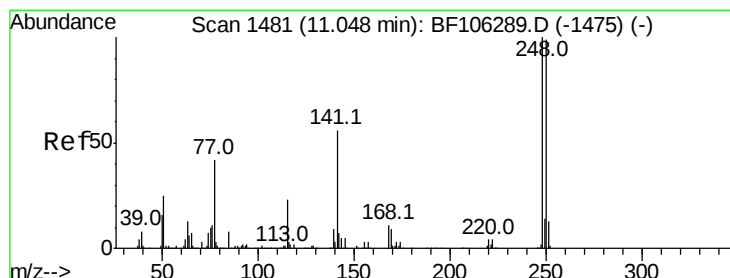
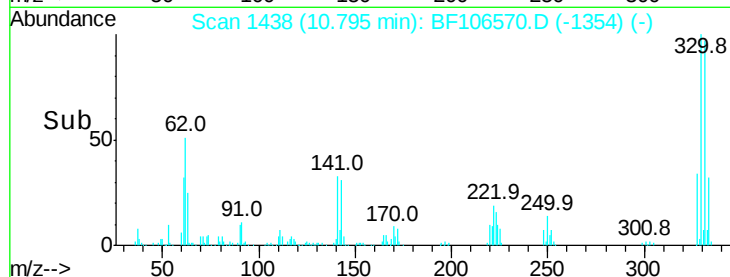
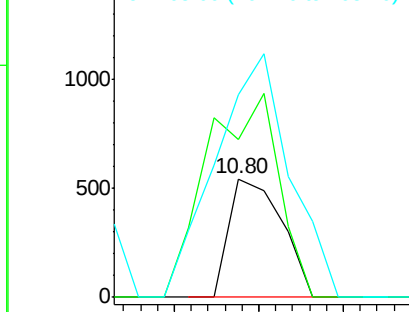
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.575 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF106570.D
 Acq: 19 Jun 2018 6:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 469
 Ion Ratio Lower Upper
 198 100
 51 133.0 37.7 77.7#
 105 171.1 36.3 76.3#

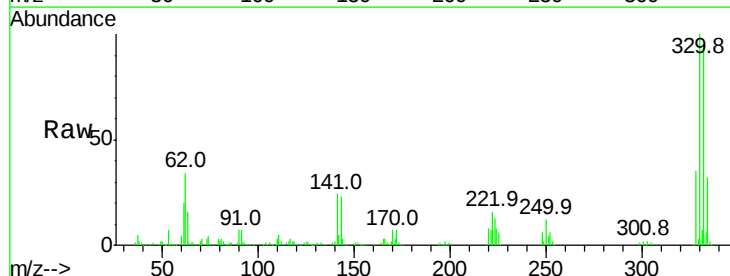


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

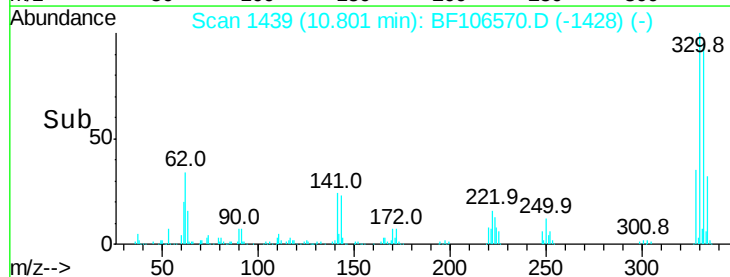
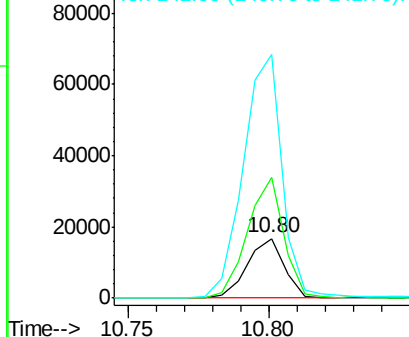


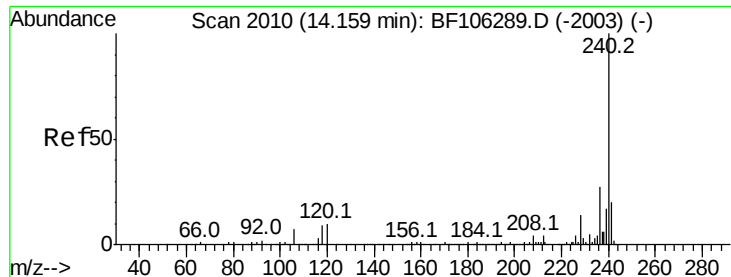
#66
 4-Bromophenyl-phenylether
 Concen: 4.923 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106570.D
 Acq: 19 Jun 2018 6:24

Tgt Ion:248 Resp: 15087
 Ion Ratio Lower Upper
 248 100
 250 202.2 76.9 115.3#
 141 408.9 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: BF106570.D

Acq: 19 Jun 2018 6:24

Instrument :

BNA_F

ClientSampleId :

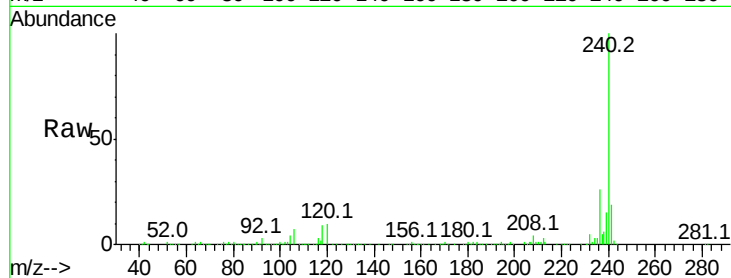
Tot Ion:240 Resp: 297296

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

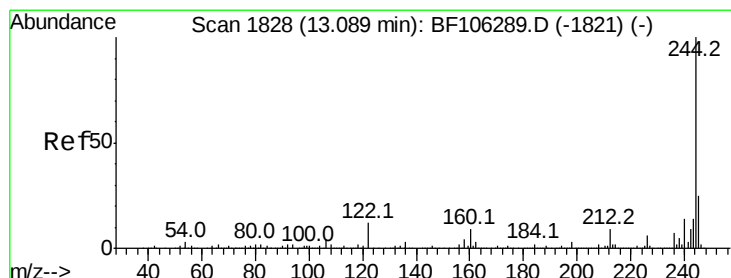
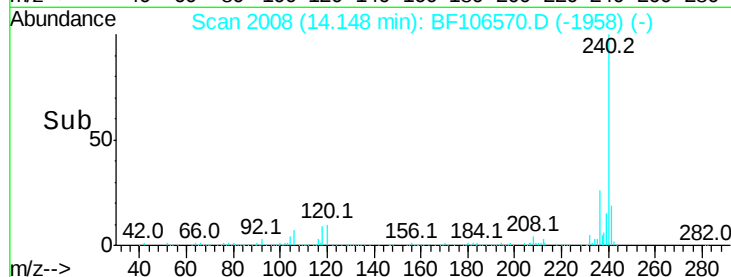
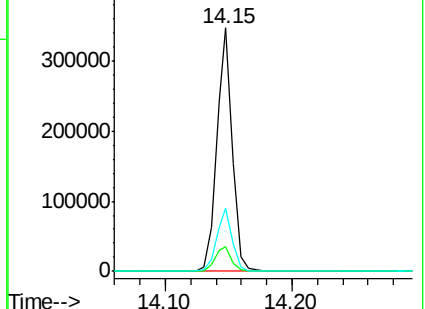
236 25.7 20.7 31.1



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: 86.156 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106570.D

Acq: 19 Jun 2018 6:24

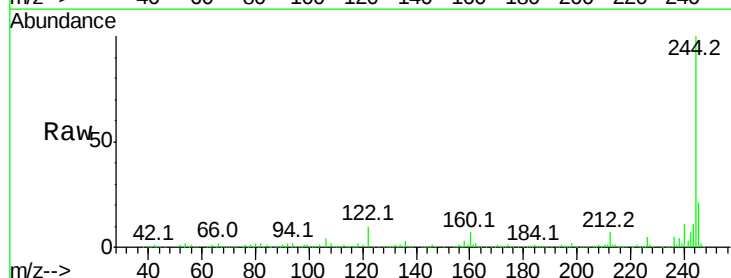
Tgt Ion:244 Resp: 1031244

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

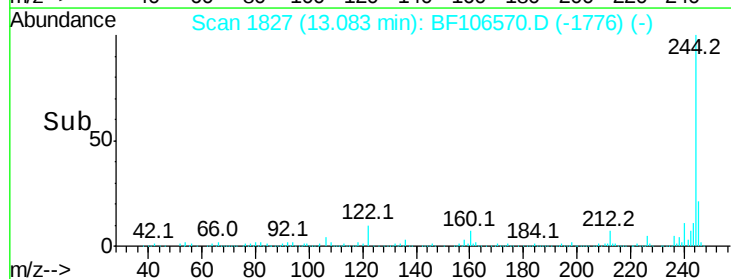
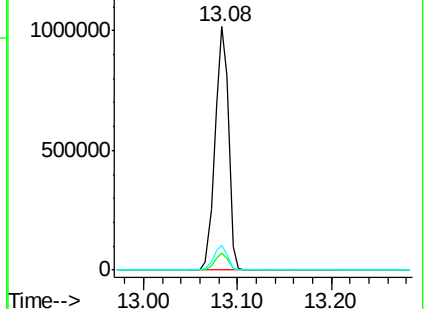
122 10.4 11.0 16.4#

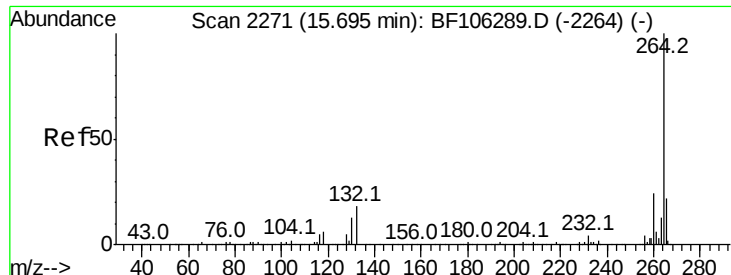


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF106570.D
 Acq: 19 Jun 2018 6:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	259702
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.5	26.3

