

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106719.D
 Acq On : 22 Jun 2018 20:09
 Operator : JU/SJ
 Sample : J3573-03 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 22:24:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

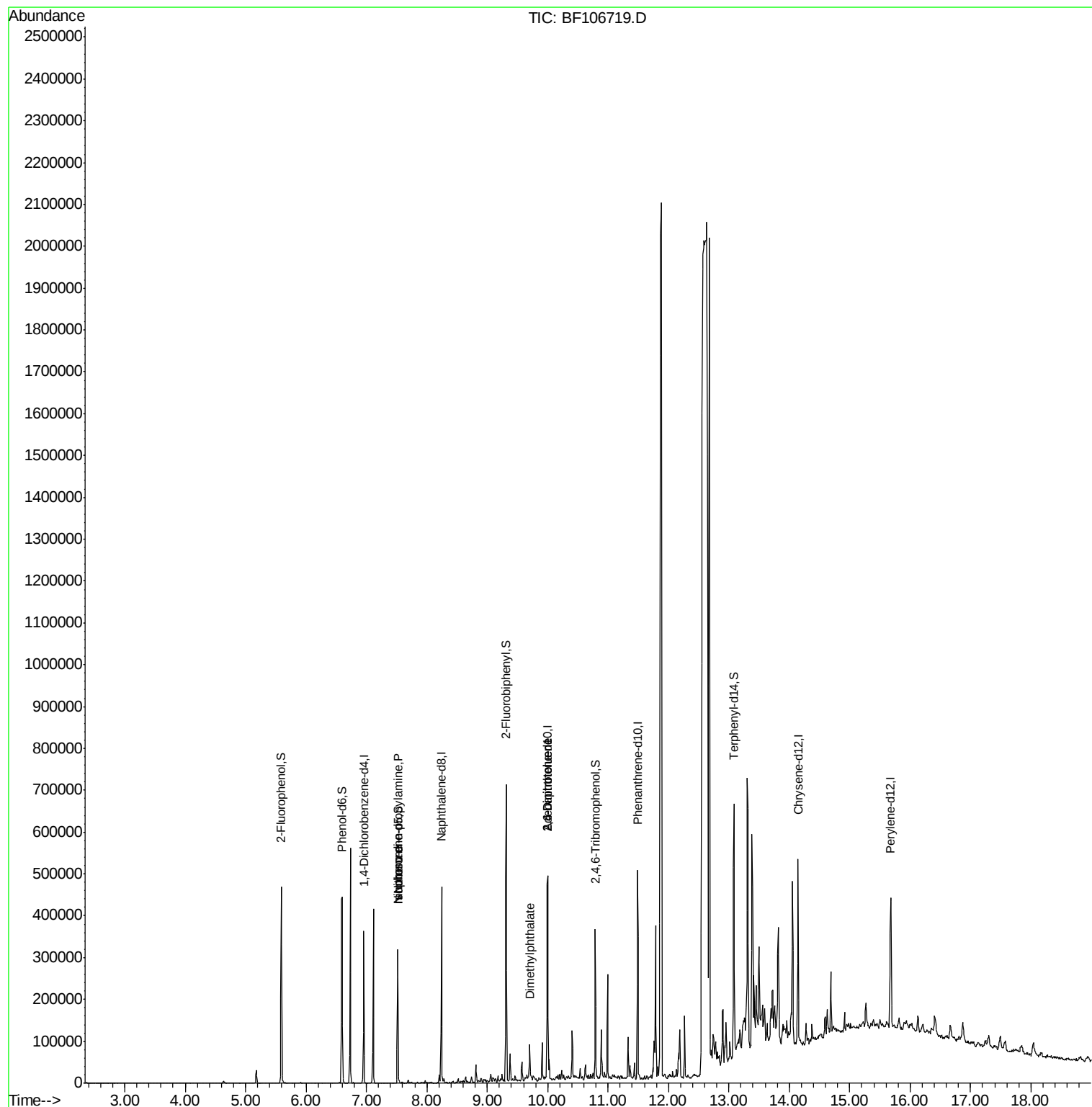
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	54185	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	211838	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	101727	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	174417	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	162595	20.00	ng	-0.01
86) Perylene-d12	15.68	264	159534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	123879	38.71	ng	-0.01
7) Phenol-d6	6.60	99	161555	40.43	ng	-0.01
23) Nitrobenzene-d5	7.52	82	98763	25.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	44484	37.73	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	204731	23.37	ng	-0.01
78) Terphenyl-d14	13.08	244	196173	29.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	13219	5.018	ng	# 73
25) Isophorone	7.52	82	98761	14.703	ng	# 64
49) Dimethylphthalate	9.70	163	24301	3.185	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	13711	8.487	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	13711	6.502	ng	# 21

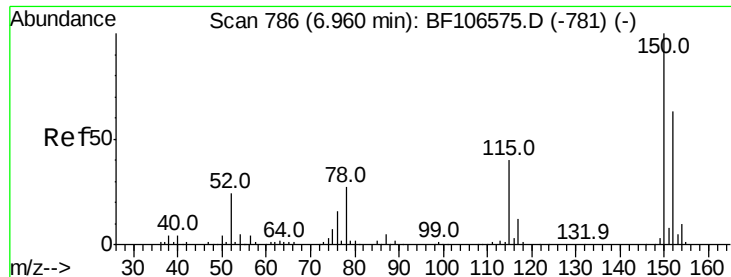
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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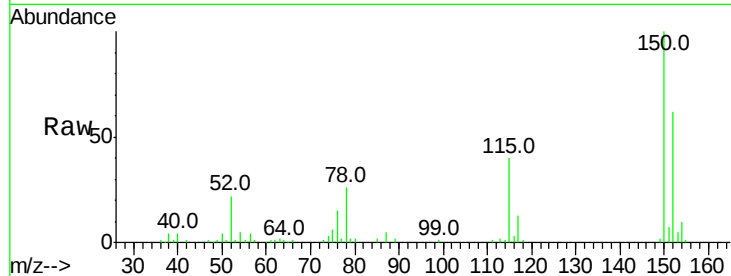


#1

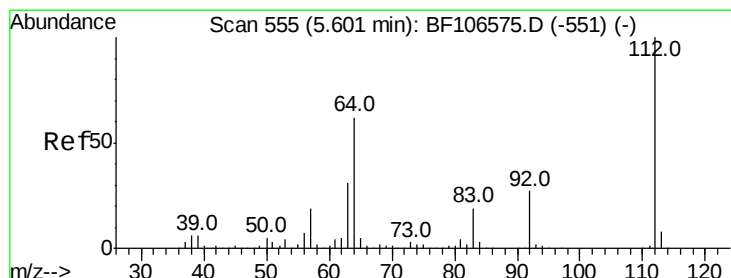
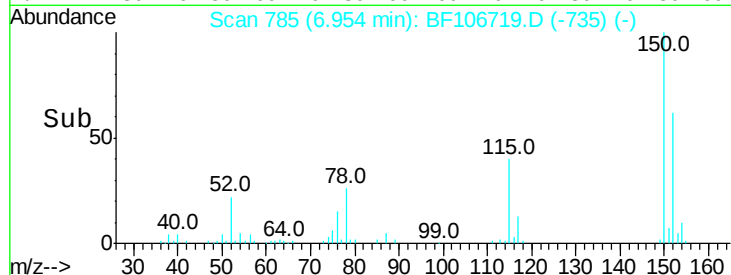
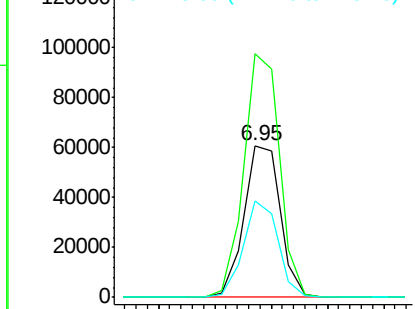
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106719.D
Acq: 22 Jun 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54185
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 63.5 50.1 75.1



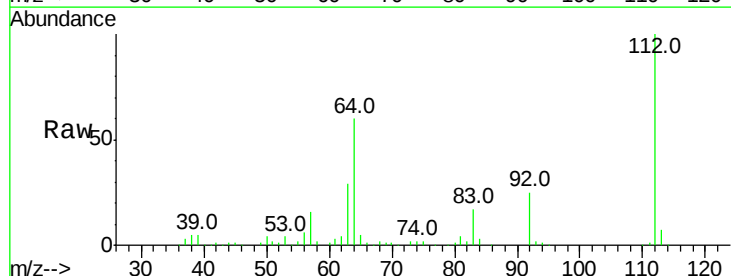
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



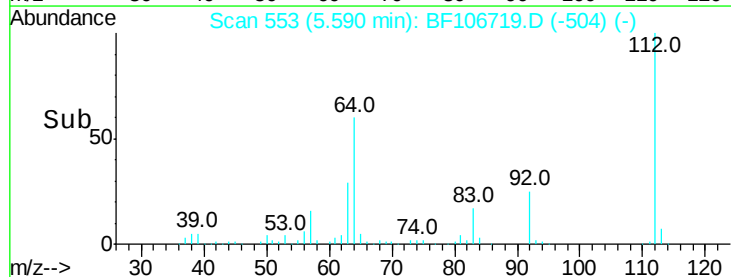
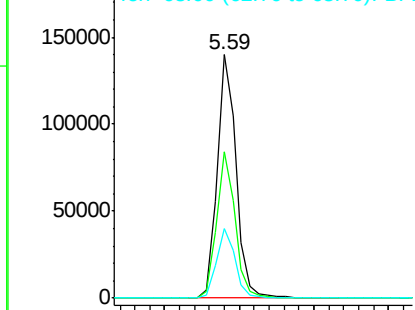
#5

2-Fluorophenol
Concen: 38.713 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106719.D
Acq: 22 Jun 2018 20:09

Tgt Ion:112 Resp: 123879
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 28.7 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: 40.428 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106719.D

Acq: 22 Jun 2018 20:09

Instrument :

BNA_F

ClientSampleId :

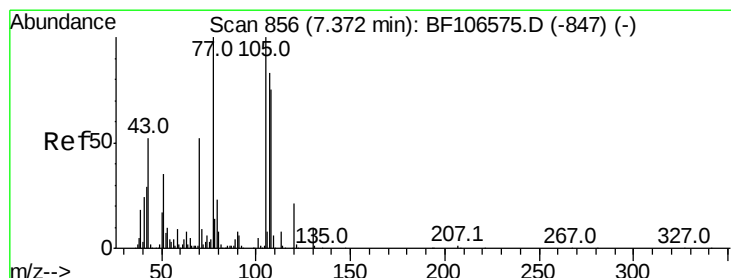
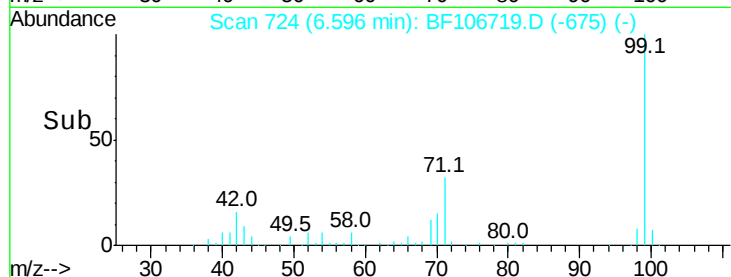
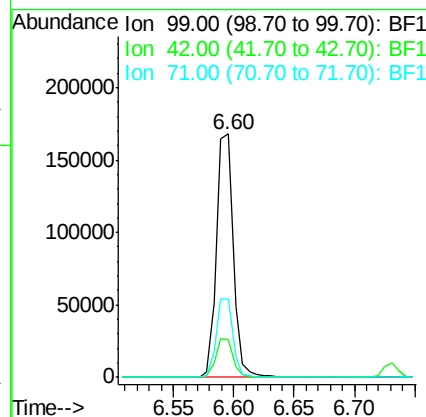
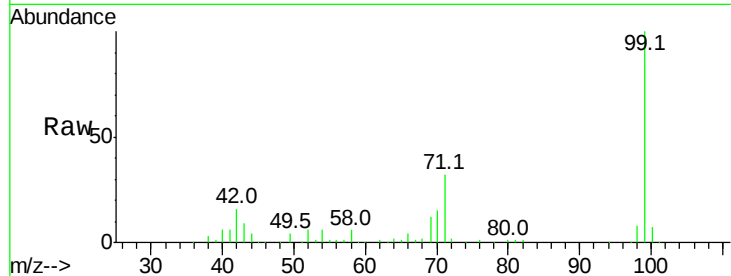
Tot Ion: 99 Resp: 161555

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

71 32.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.018 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.15 min

Lab File: BF106719.D

Acq: 22 Jun 2018 20:09

Tgt Ion: 70 Resp: 13219

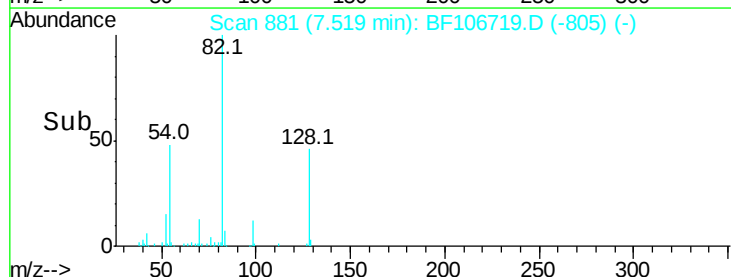
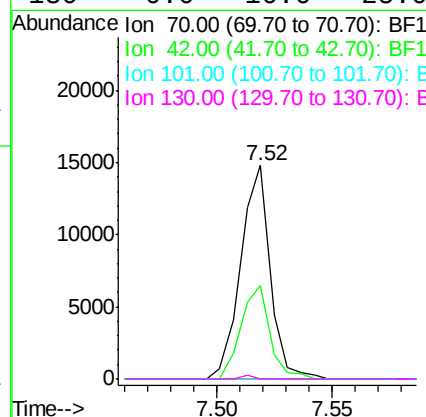
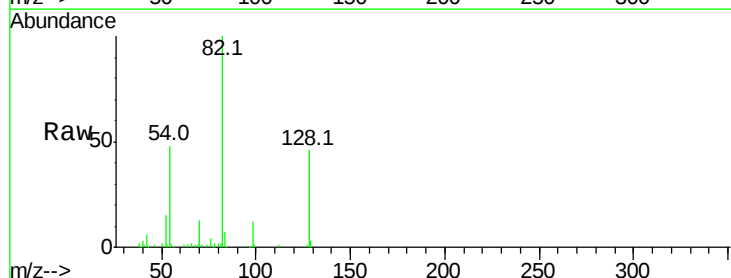
Ion Ratio Lower Upper

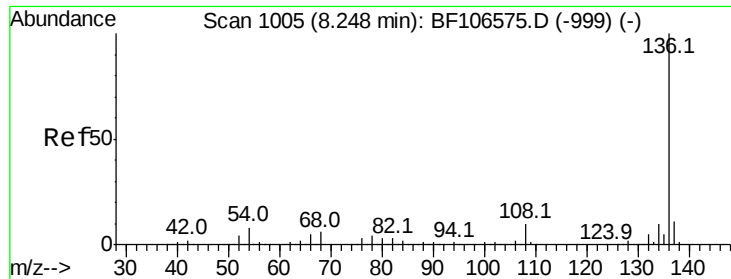
70 100

42 43.9 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

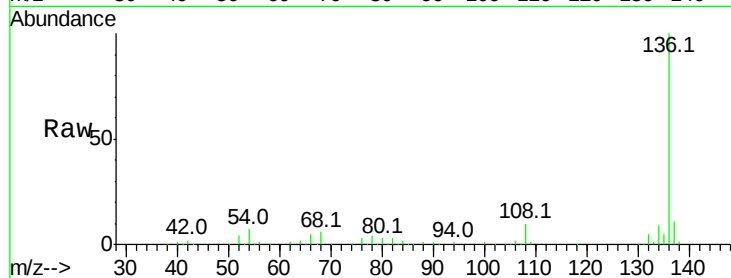




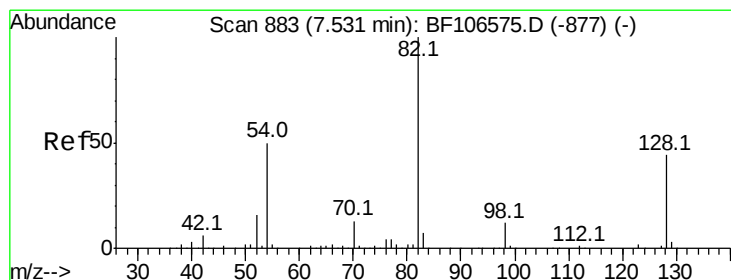
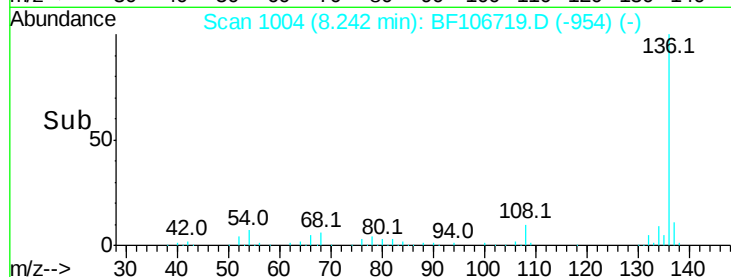
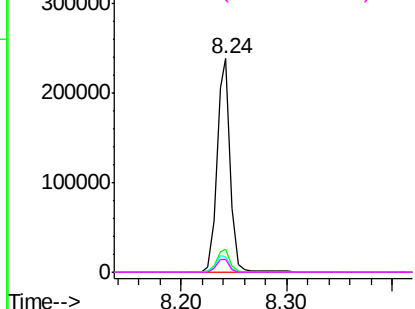
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106719.D
Acq: 22 Jun 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	211838
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	6.0	5.0	7.4

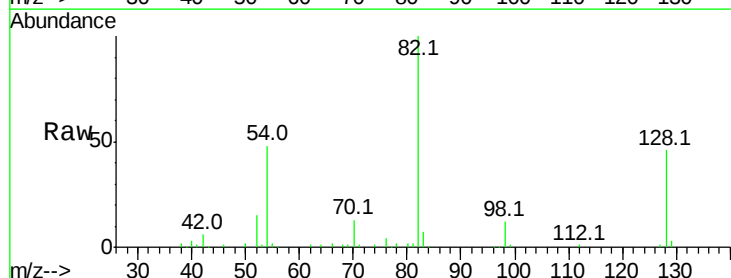


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

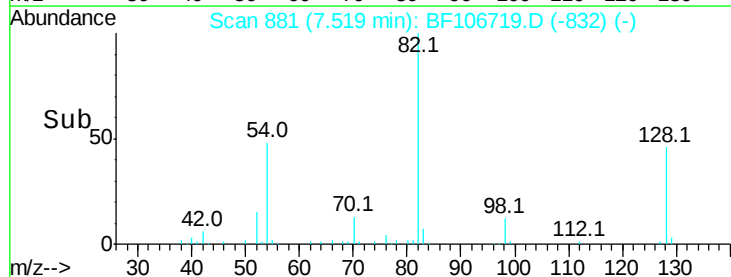
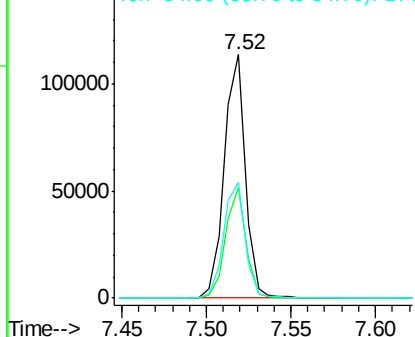


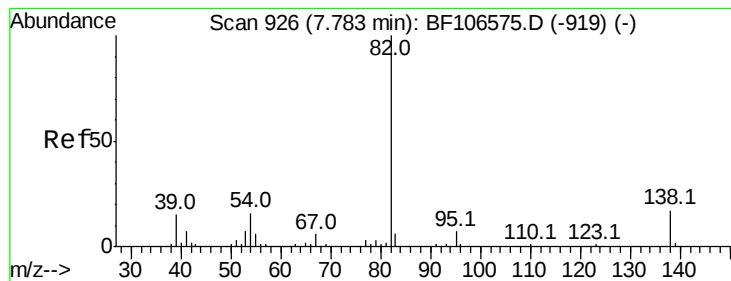
#23
Nitrobenzene-d5
Concen: 25.909 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106719.D
Acq: 22 Jun 2018 20:09

Tgt Ion:	82	Resp:	98763
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	47.7	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: 14.703 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF106719.D

Acq: 22 Jun 2018 20:09

Instrument :

BNA_F

ClientSampleId :

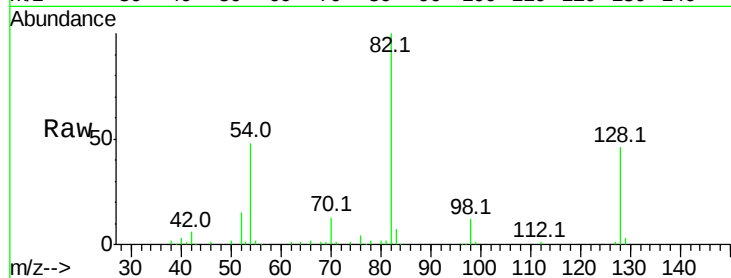
Tot Ion: 82 Resp: 98761

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

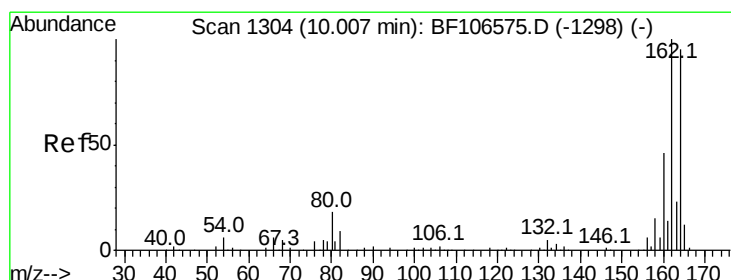
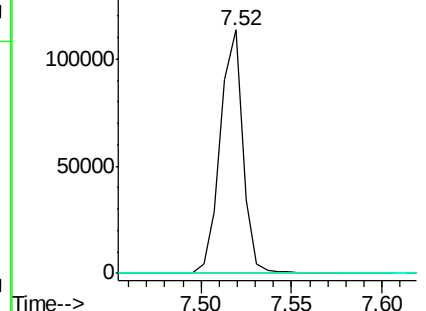
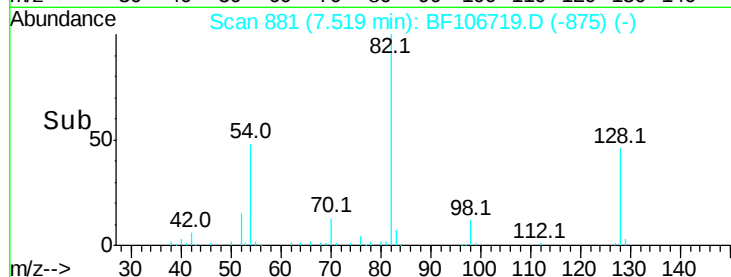
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106719.D

Acq: 22 Jun 2018 20:09

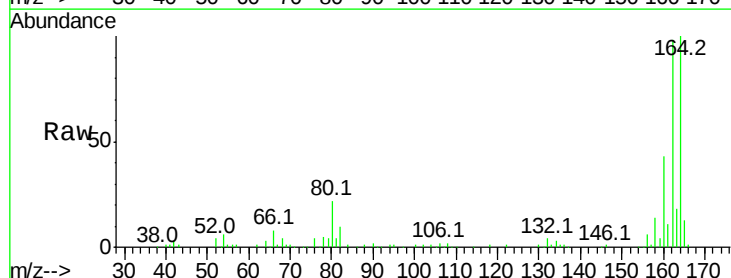
Tgt Ion: 164 Resp: 101727

Ion Ratio Lower Upper

164 100

162 97.9 86.1 129.1

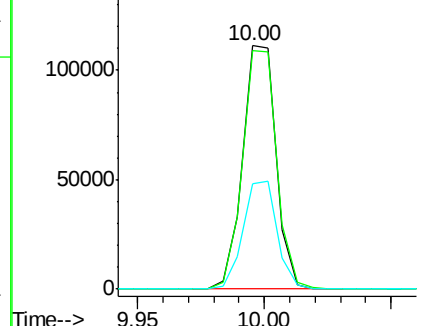
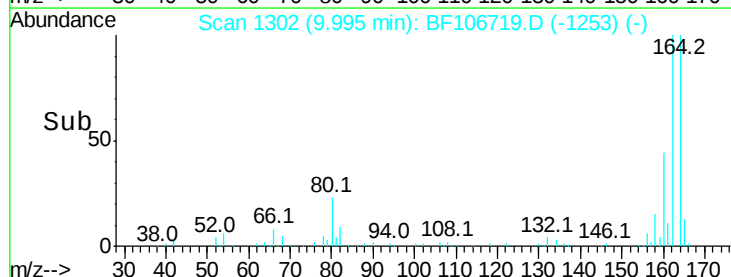
160 43.0 38.3 57.5

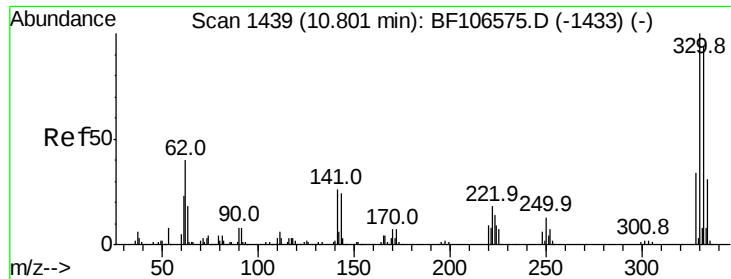


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

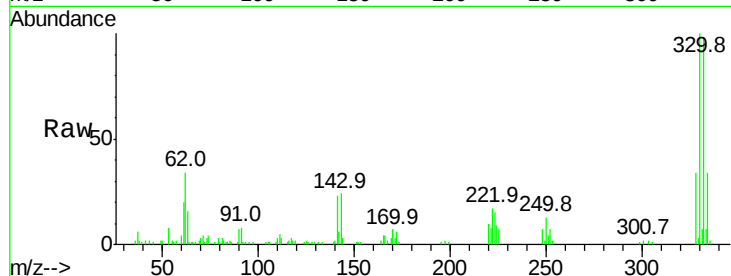




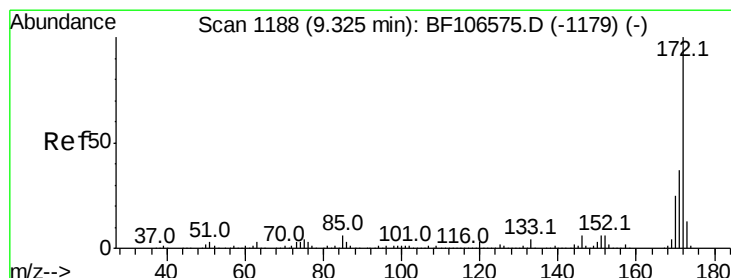
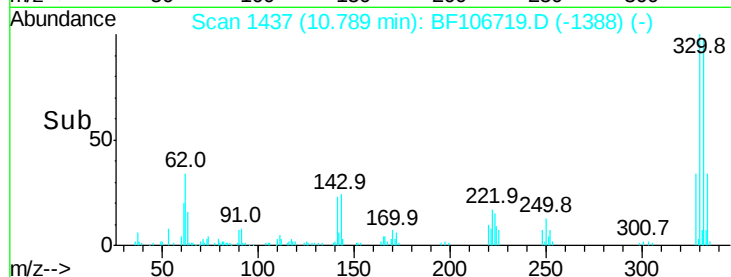
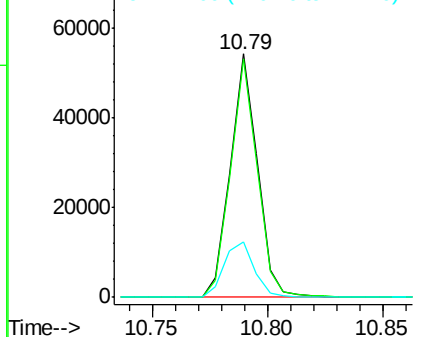
#41
 2,4,6-Tribromophenol
 Concen: 37.729 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106719.D
 Acq: 22 Jun 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 44484
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 25.0 29.9 44.9#

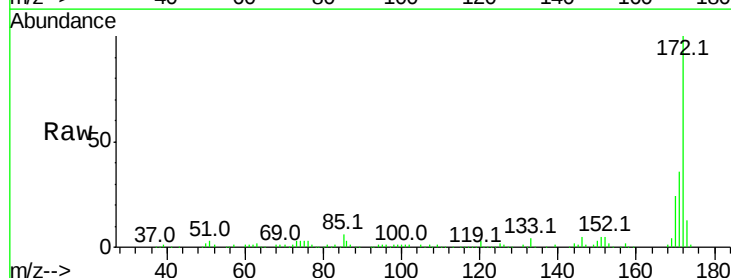


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

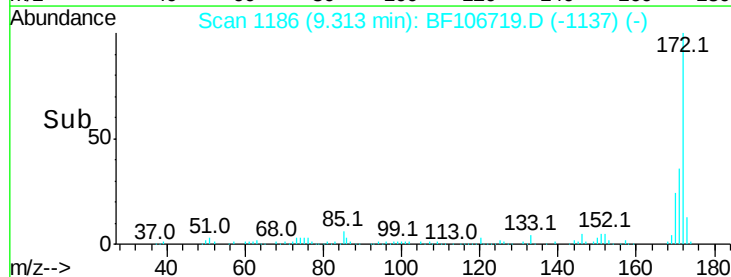
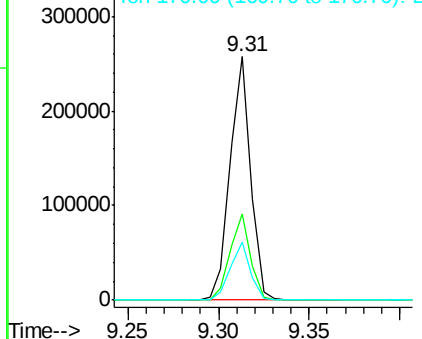


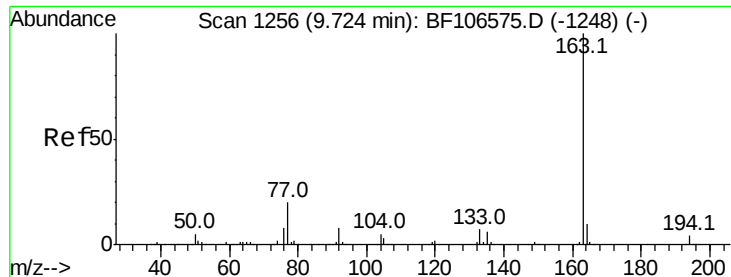
#44
 2-Fluorobiphenyl
 Concen: 23.369 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106719.D
 Acq: 22 Jun 2018 20:09

Tgt Ion:172 Resp: 204731
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.0 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

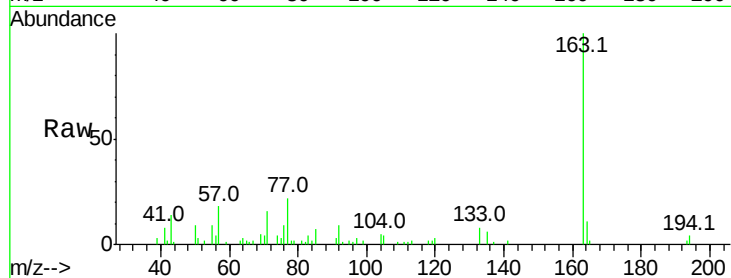




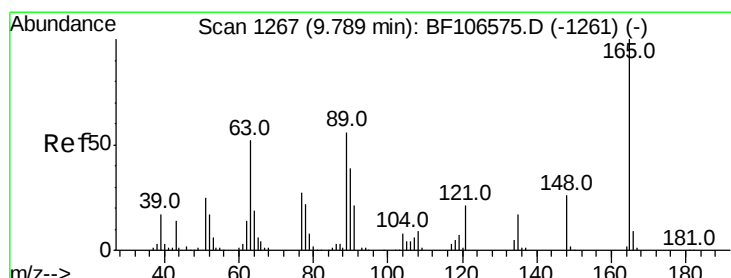
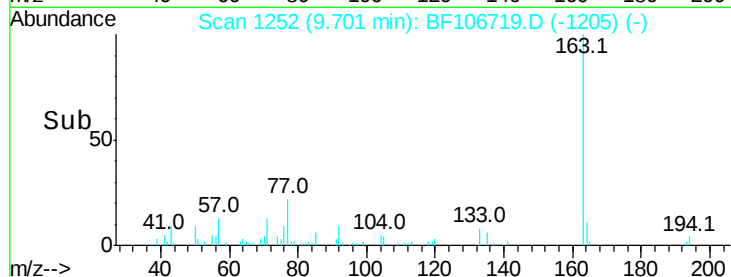
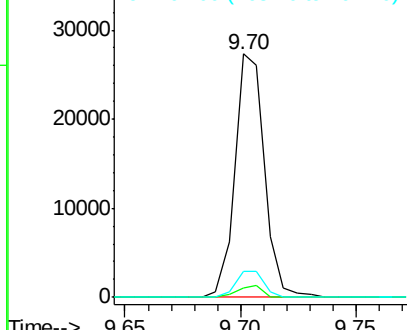
#49
Dimethylphthalate
Concen: 3.185 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106719.D
Acq: 22 Jun 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 24301
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.8 8.2 12.2

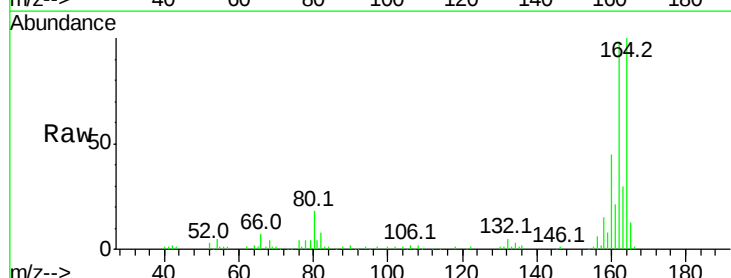


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

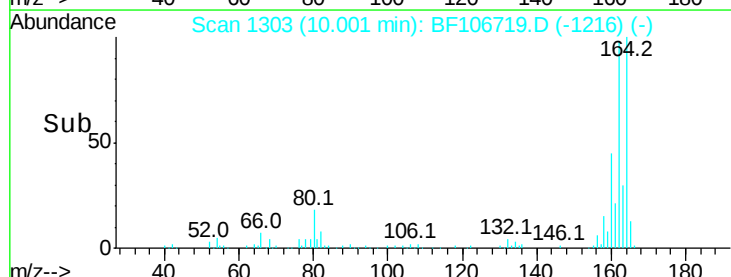
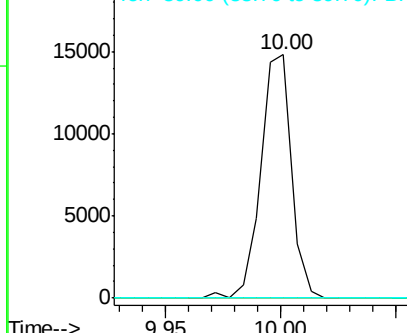


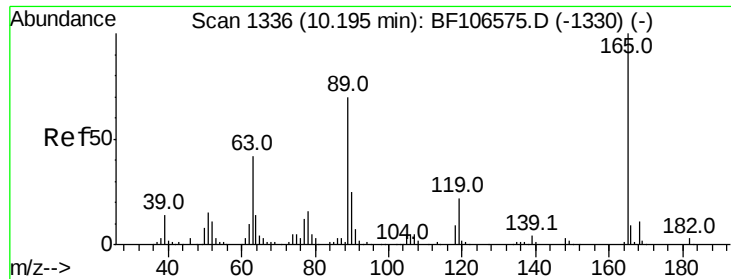
#50
2,6-Dinitrotoluene
Concen: 8.487 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106719.D
Acq: 22 Jun 2018 20:09

Tgt Ion:165 Resp: 13711
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 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

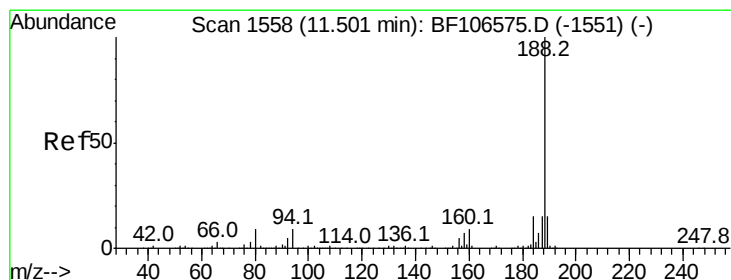
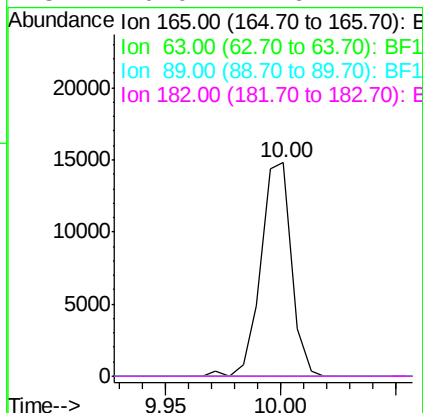
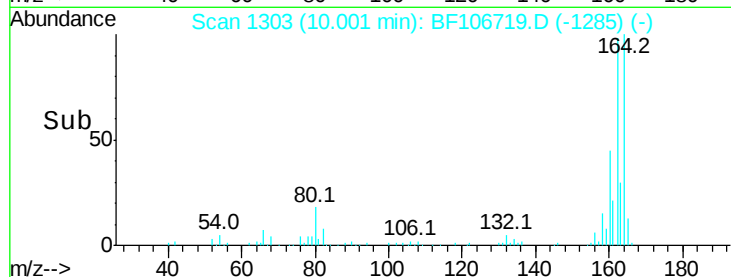
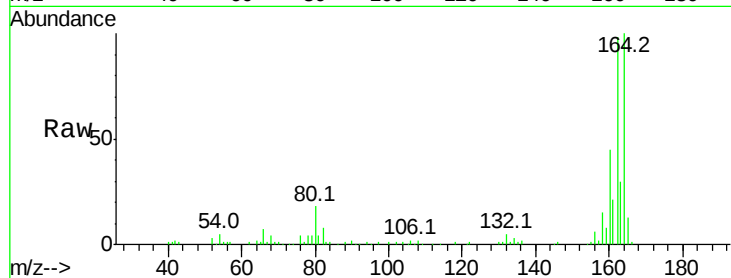




#56
 2,4-Dinitrotoluene
 Concen: 6.502 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF106719.D
 Acq: 22 Jun 2018 20:09

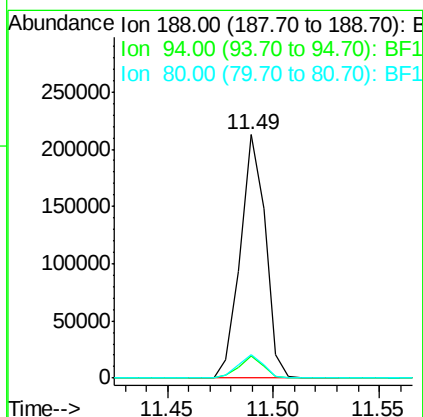
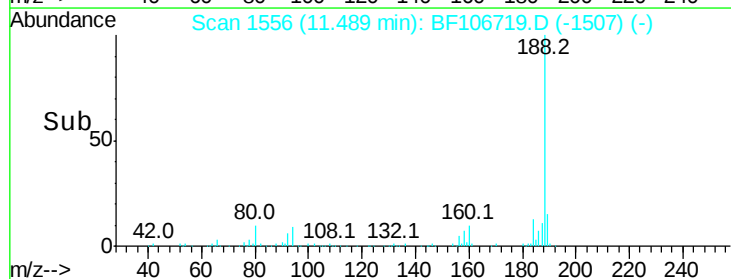
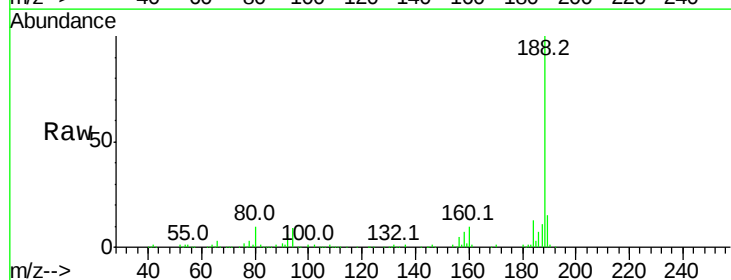
Instrument :
 BNA_F
 ClientSampleId :

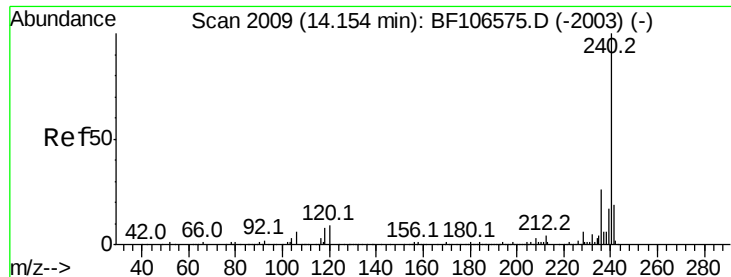
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106719.D
 Acq: 22 Jun 2018 20:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.8	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106719.D

Acq: 22 Jun 2018 20:09

Instrument :

BNA_F

ClientSampleId :

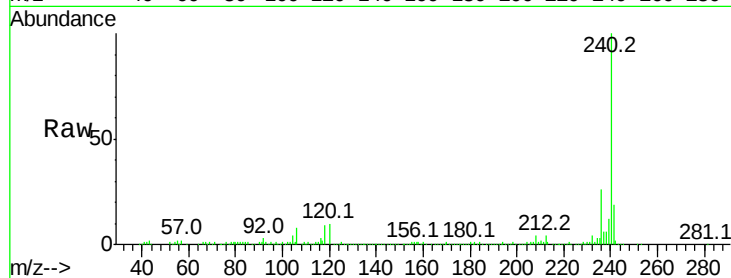
Tot Ion:240 Resp: 162595

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

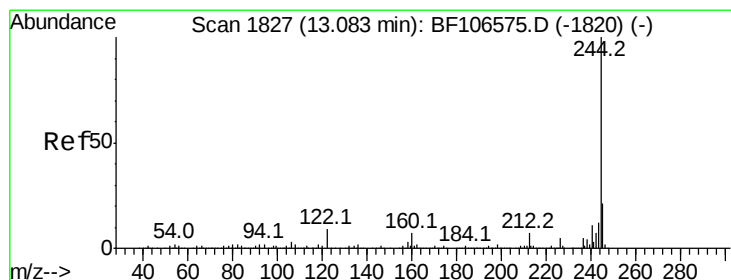
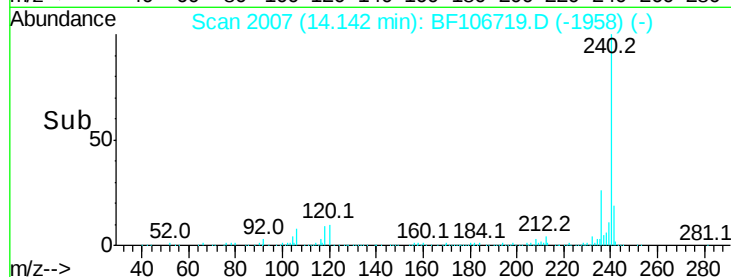
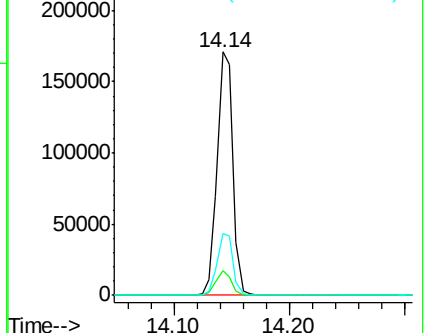
236 25.6 20.7 31.1



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: 29.225 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106719.D

Acq: 22 Jun 2018 20:09

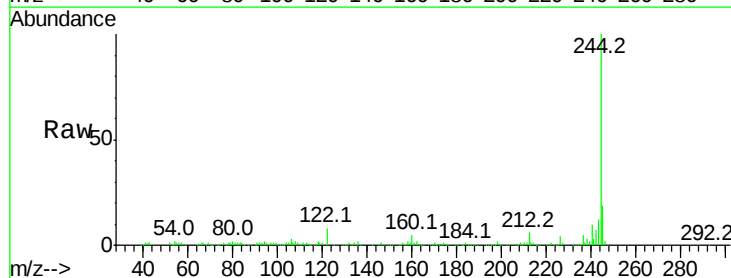
Tgt Ion:244 Resp: 196173

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

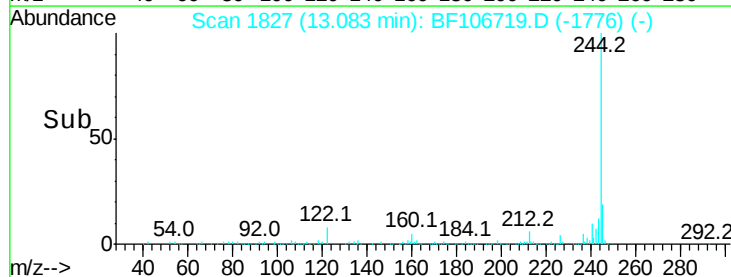
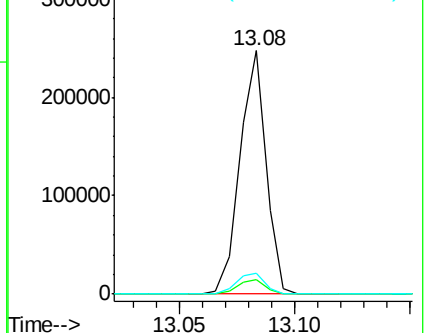
122 8.4 11.0 16.4#

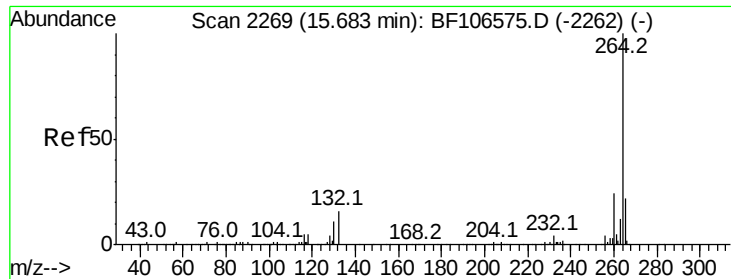


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

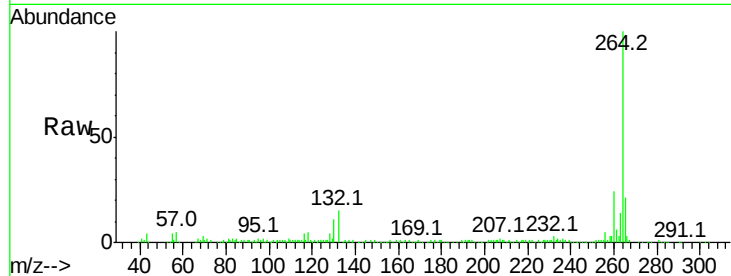




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF106719.D
 Acq: 22 Jun 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	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

