

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106715.D
 Acq On : 22 Jun 2018 18:23
 Operator : JU/SJ
 Sample : PB110505BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 22:23:09 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

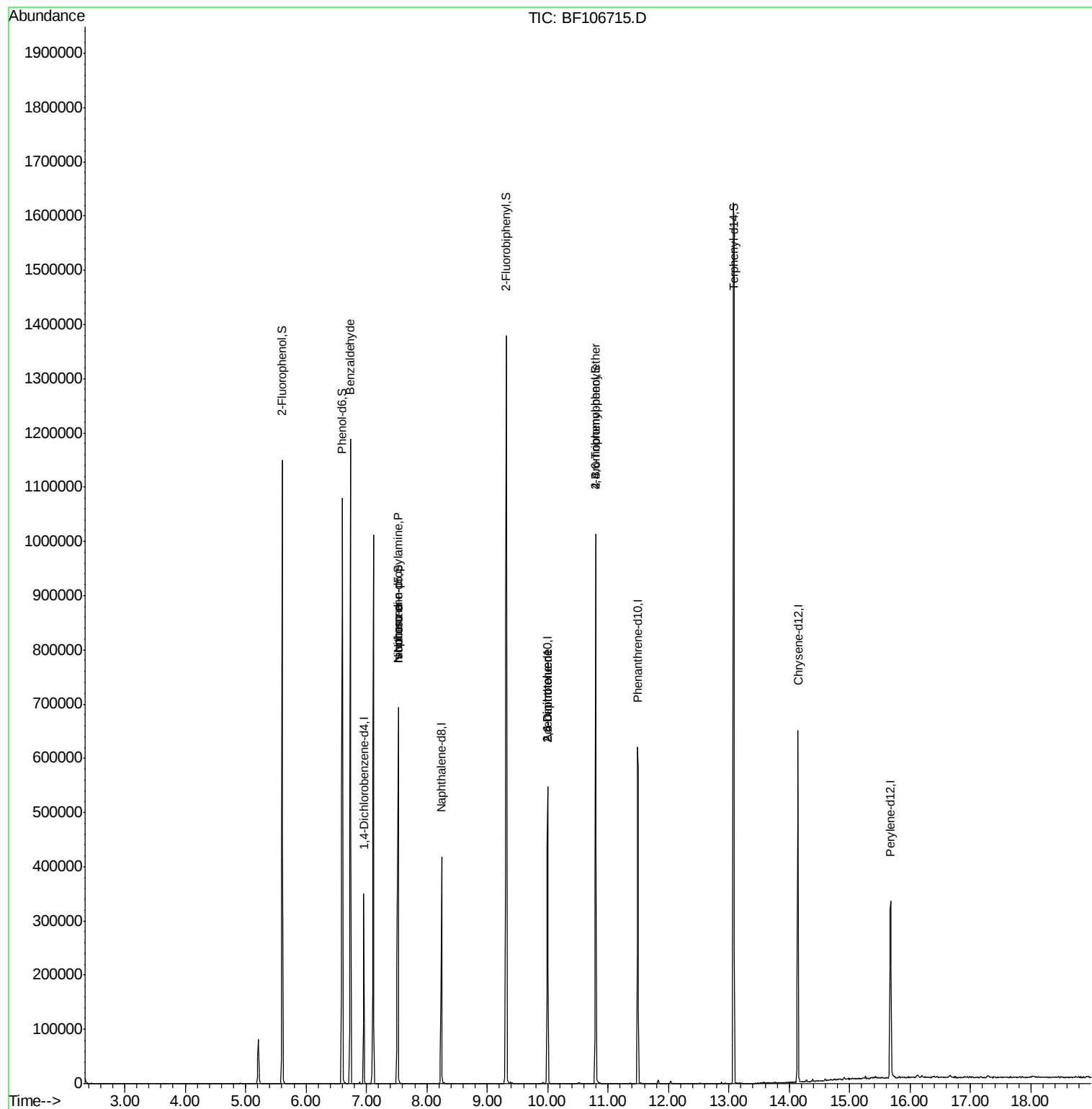
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	55228	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	216324	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	117512	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	251618	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	239987	20.00	ng	-0.01
86) Perylene-d12	15.68	264	186538	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	332379	101.91	ng	0.00
7) Phenol-d6	6.60	99	417971	102.62	ng	0.00
23) Nitrobenzene-d5	7.52	82	280487	72.06	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	157408	115.57	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	534181	75.25	ng	-0.01
78) Terphenyl-d14	13.08	244	717022	72.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	7535	2.202	ng	87
19) n-Nitroso-di-n-propylamine	7.52	70	35739	13.312	ng	# 72
25) Isophorone	7.52	82	280484	40.891	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	14626	7.837	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	14626	6.004	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	9554	3.182	ng	# 1

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

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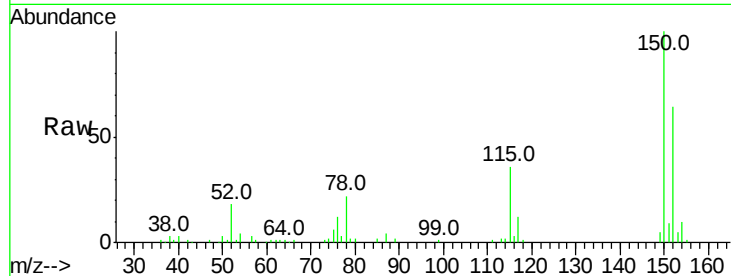


#1

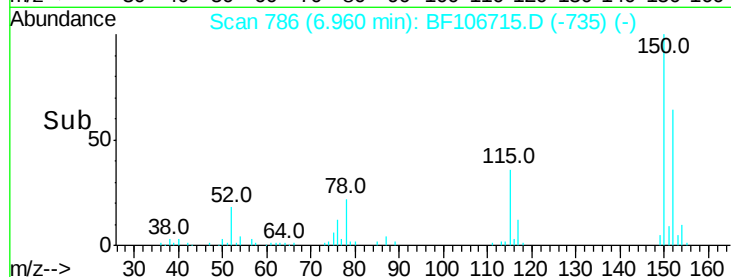
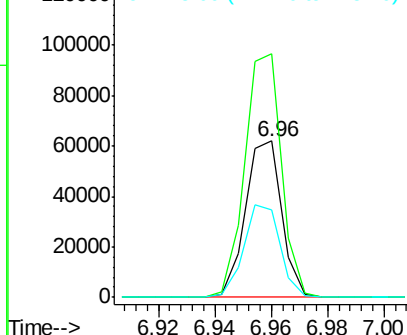
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106715.D
Acq: 22 Jun 2018 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 55228
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 56.1 50.1 75.1



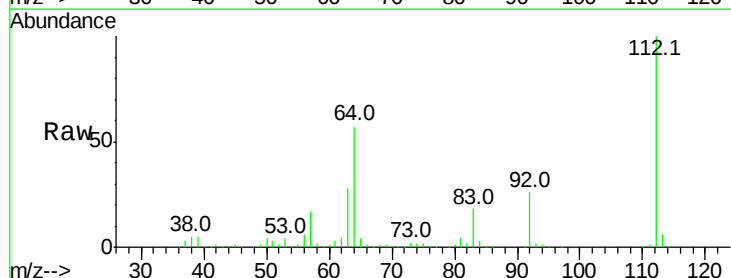
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



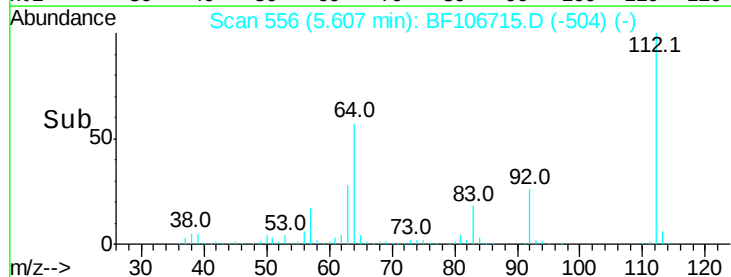
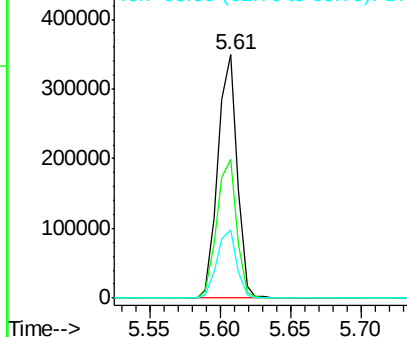
#5

2-Fluorophenol
Concen: 101.909 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106715.D
Acq: 22 Jun 2018 18:23

Tgt Ion:112 Resp: 332379
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 28.2 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: 102.620 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106715.D

Acq: 22 Jun 2018 18:23

Instrument :

BNA_F

ClientSampled :

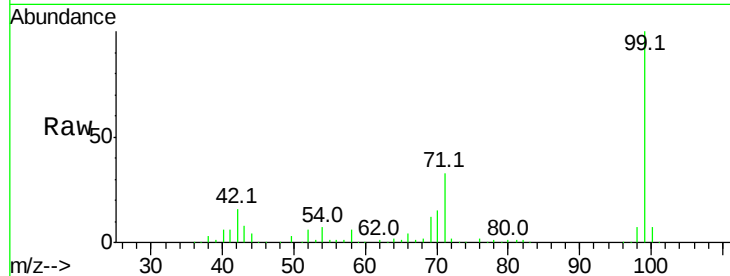
Tot Ion: 99 Resp: 417971

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

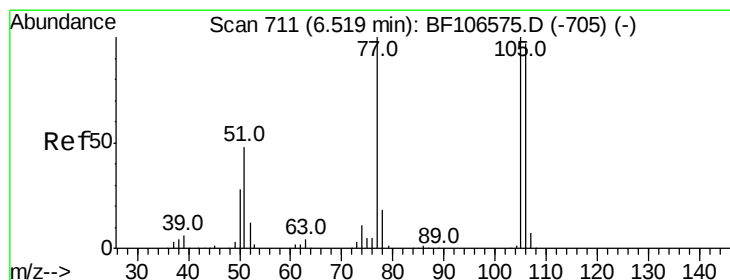
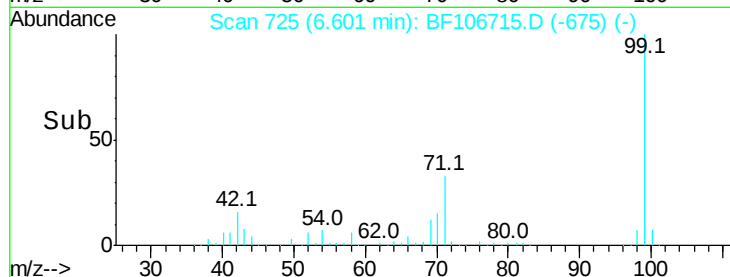
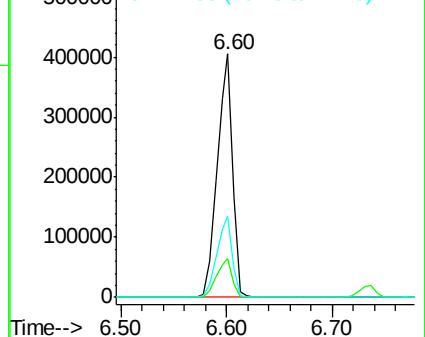
71 33.4 25.4 38.0



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: 2.202 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106715.D

Acq: 22 Jun 2018 18:23

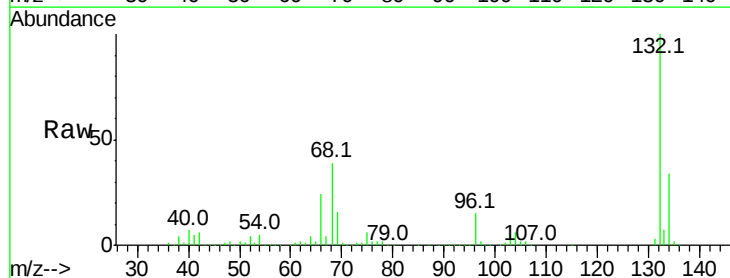
Tgt Ion: 77 Resp: 7535

Ion Ratio Lower Upper

77 100

105 86.9 81.1 121.1

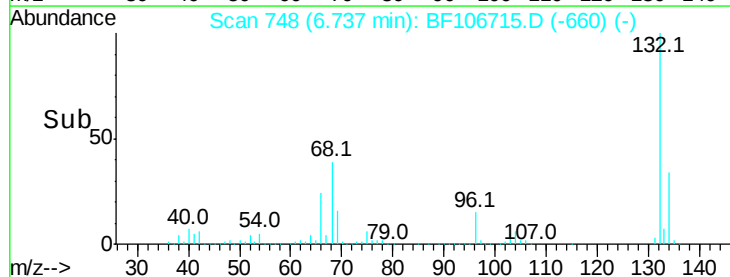
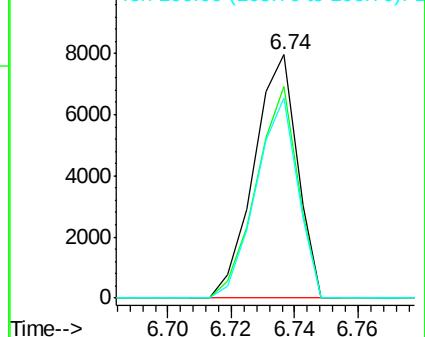
106 82.0 74.5 114.5

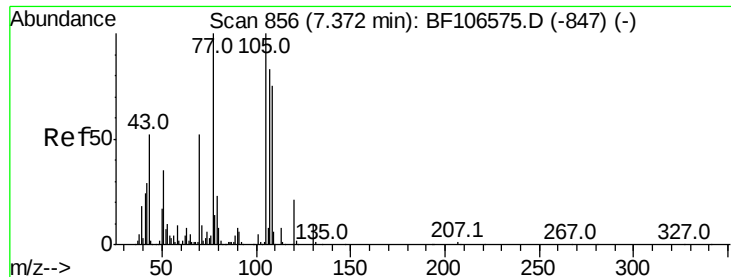


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

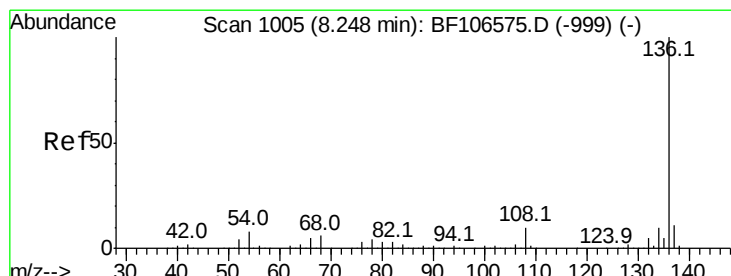
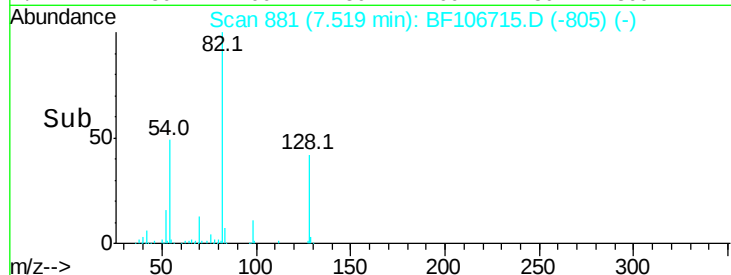
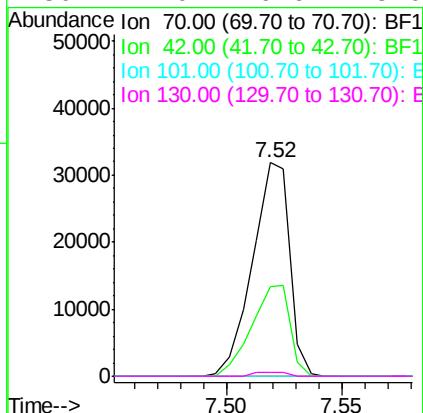
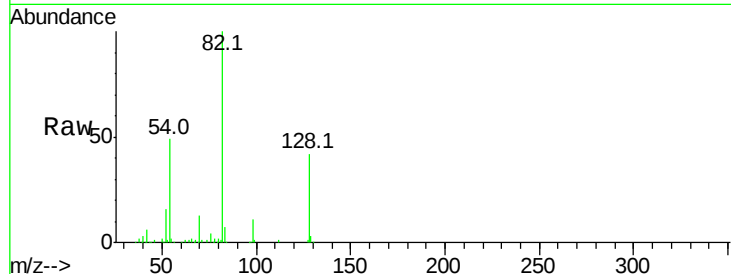




#19
n-Nitroso-di-n-propylamine
Concen: 13.312 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.15 min
Lab File: BF106715.D
Acq: 22 Jun 2018 18:23

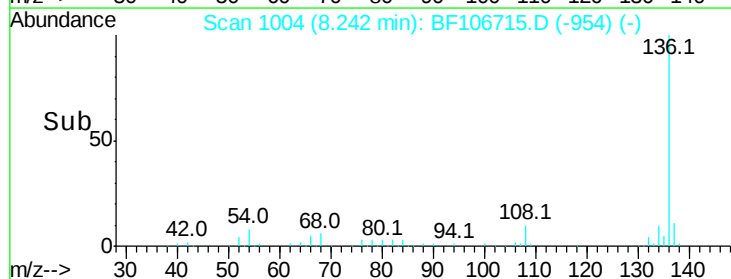
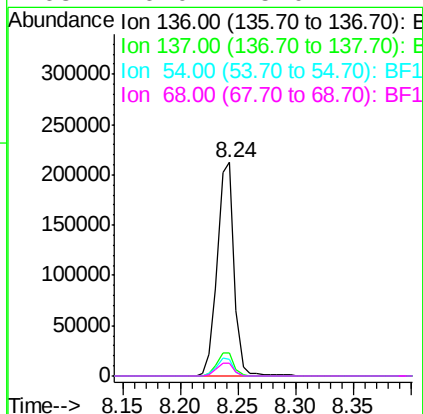
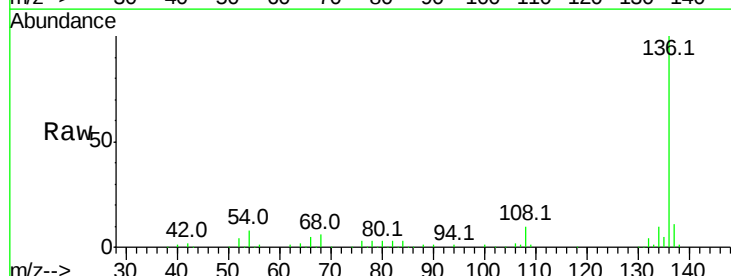
Instrument :
BNA_F
ClientSampled :

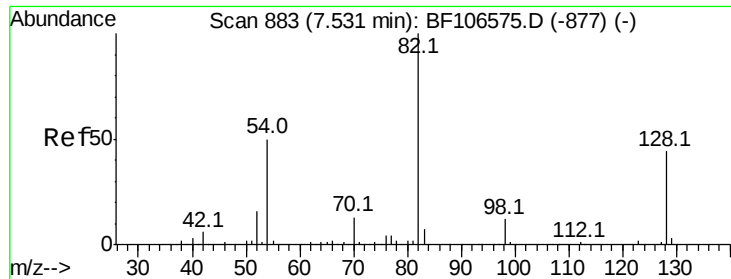
Tot Ion: 70 Resp: 35739
Ion Ratio Lower Upper
70 100
42 41.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106715.D
Acq: 22 Jun 2018 18:23

Tgt Ion: 136 Resp: 216324
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.8 6.6 9.8
68 6.0 5.0 7.4

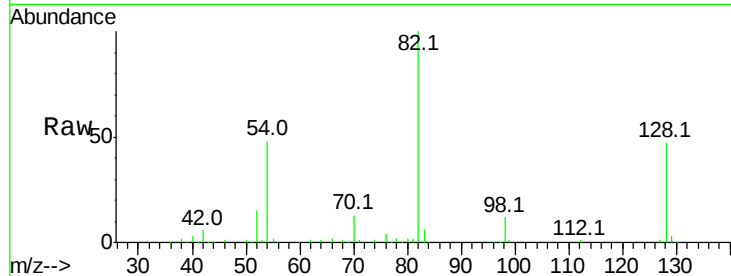




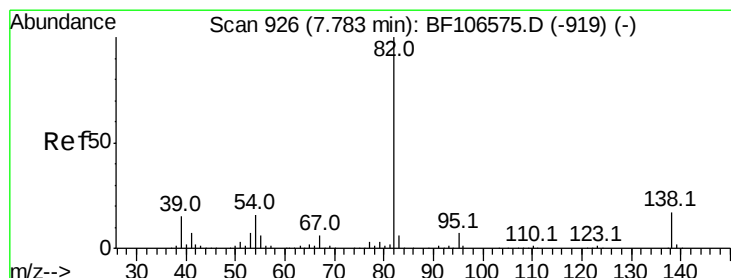
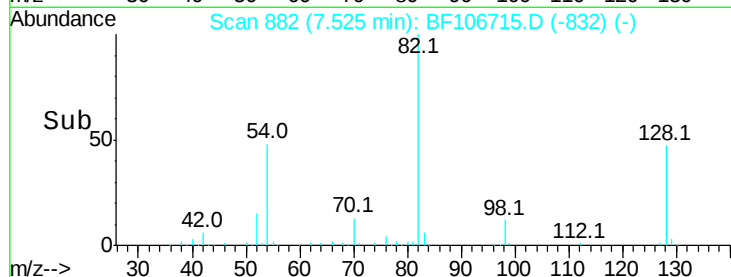
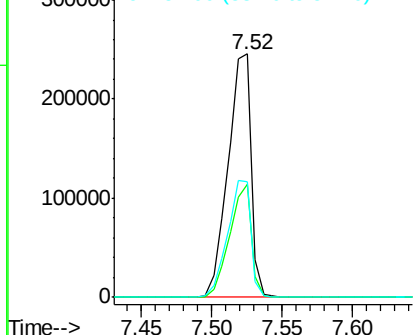
#23
Nitrobenzene-d5
Concen: 72.057 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106715.D
Acq: 22 Jun 2018 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	47.7	41.4	62.2

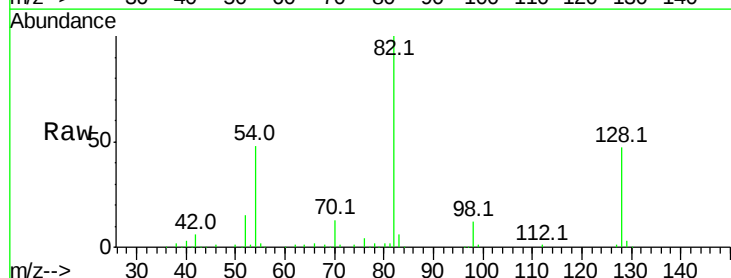


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

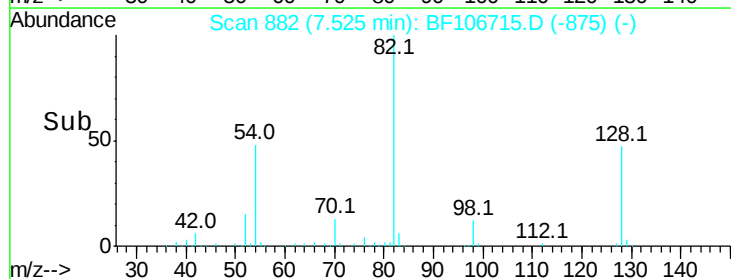
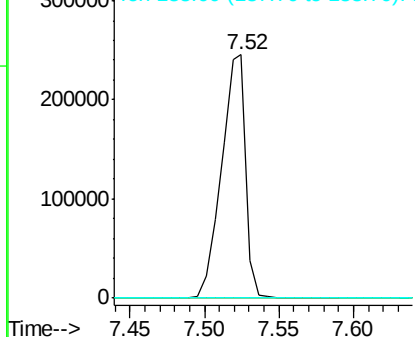


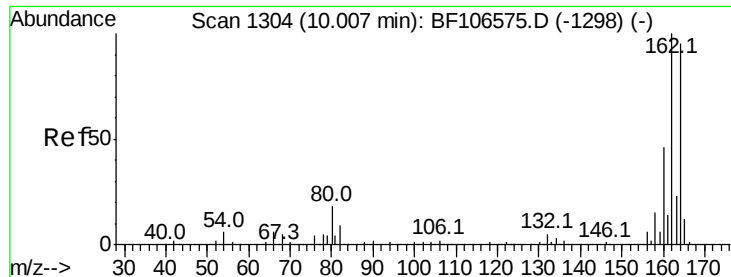
#25
Isophorone
Concen: 40.891 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106715.D
Acq: 22 Jun 2018 18:23

Tgt 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# 1303

Delta R.T. -0.01 min

Lab File: BF106715.D

Acq: 22 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

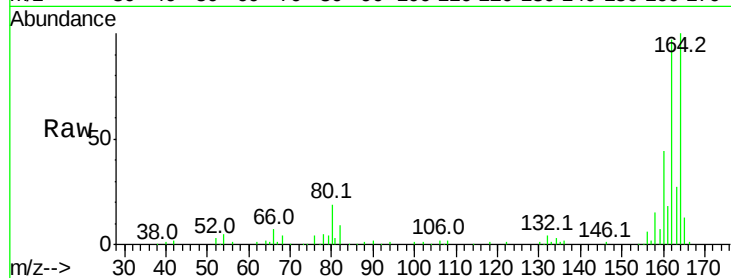
Tot Ion:164 Resp: 117512

Ion Ratio Lower Upper

164 100

162 97.2 86.1 129.1

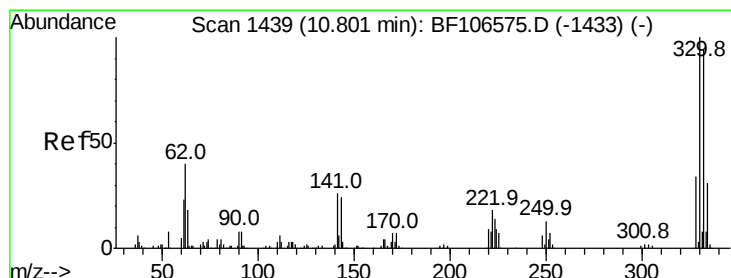
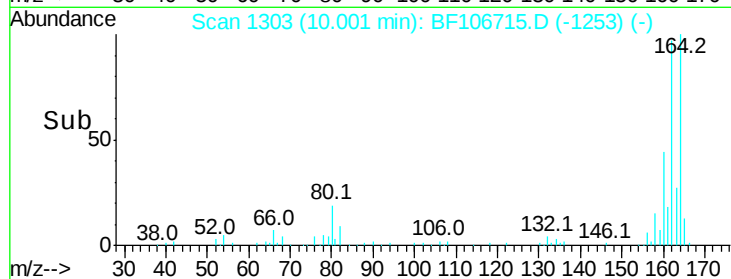
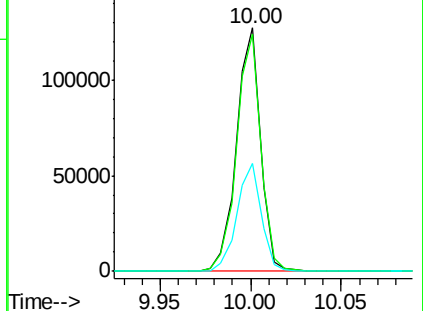
160 44.4 38.3 57.5



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: 115.572 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106715.D

Acq: 22 Jun 2018 18:23

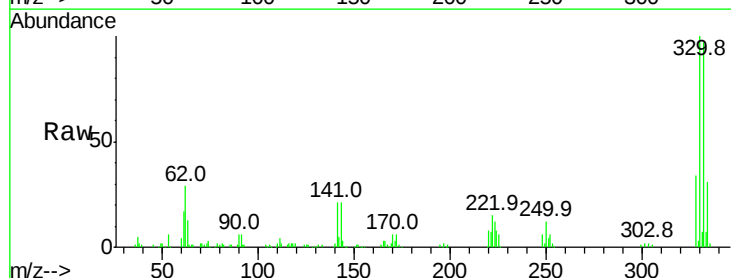
Tgt Ion:330 Resp: 157408

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

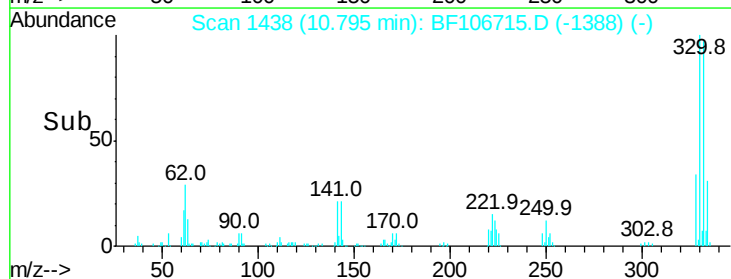
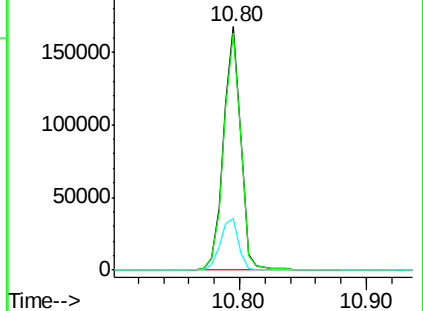
141 23.2 29.9 44.9#



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

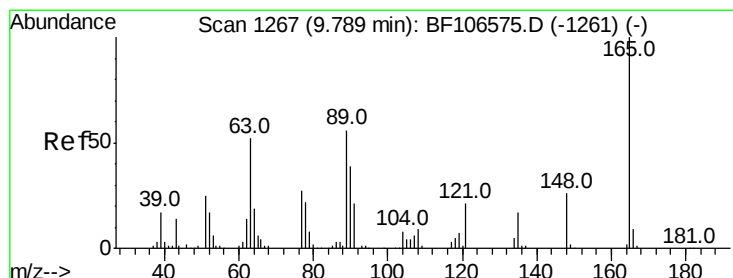
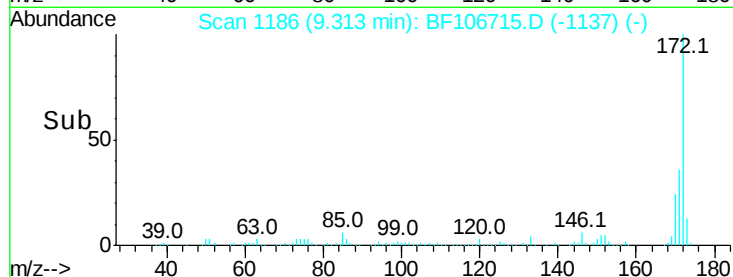
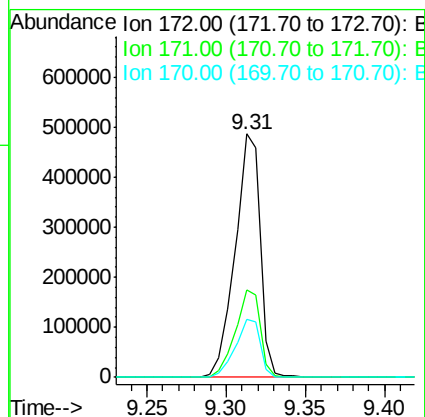
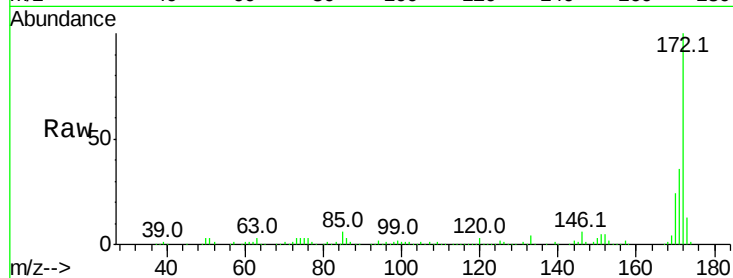




#44
 2-Fluorobiphenyl
 Concen: 75.251 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106715.D
 Acq: 22 Jun 2018 18:23

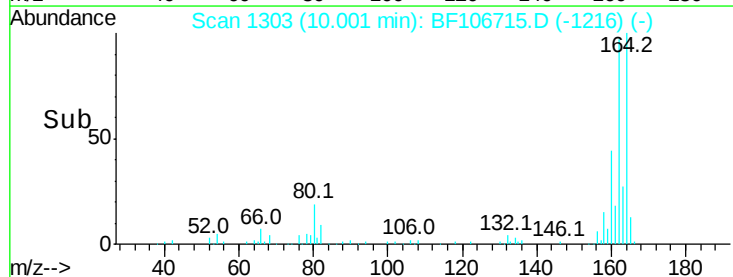
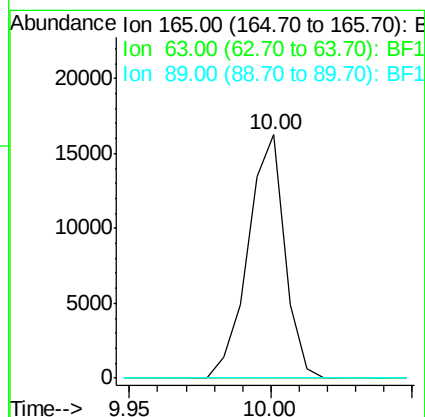
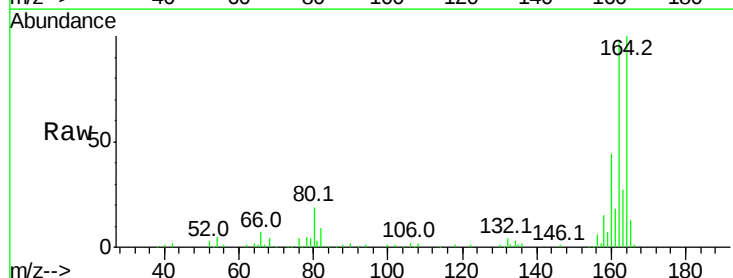
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 534181
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.1 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.837 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF106715.D
 Acq: 22 Jun 2018 18:23

Tgt Ion:165 Resp: 14626
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

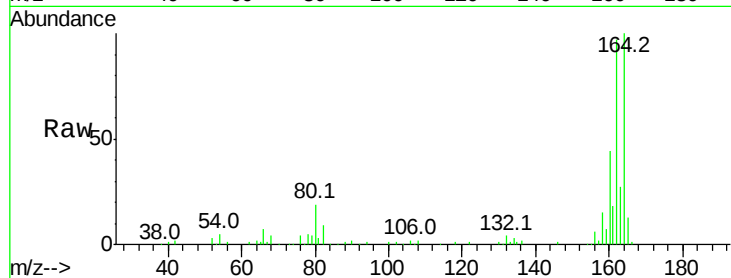




#56
2,4-Dinitrotoluene
Concen: 6.004 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106715.D
Acq: 22 Jun 2018 18:23

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#

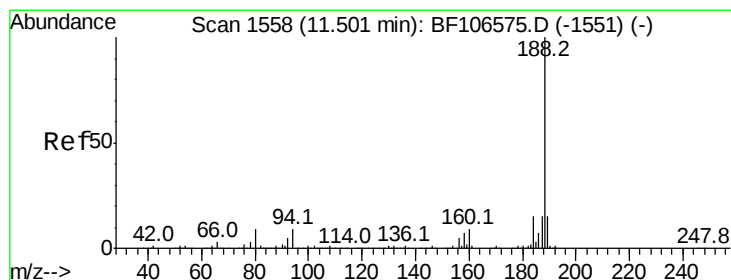
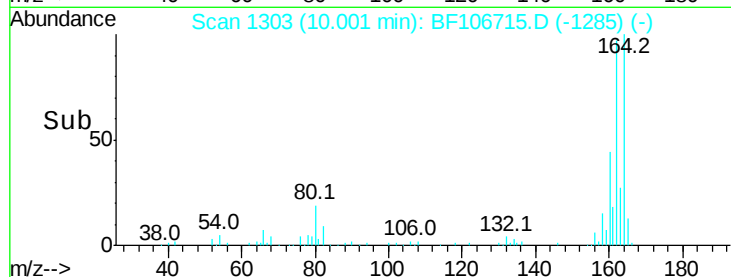
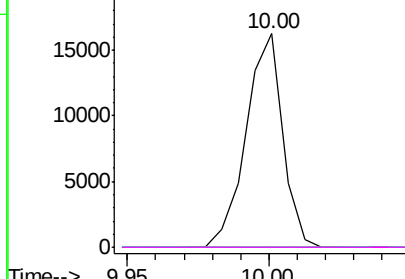


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

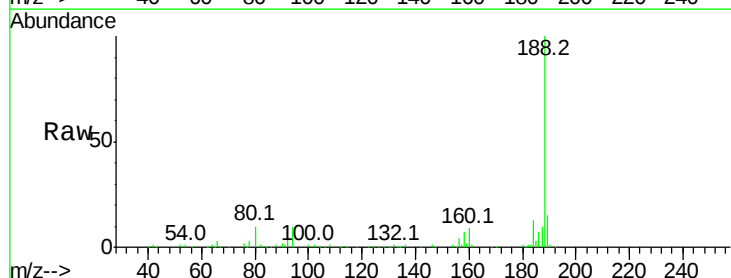
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106715.D
Acq: 22 Jun 2018 18:23

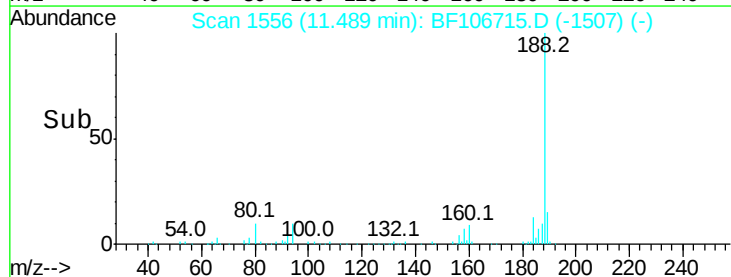
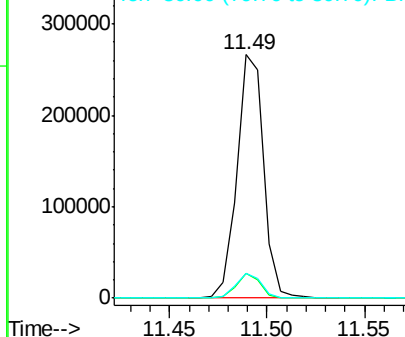
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.4	9.2	13.8



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

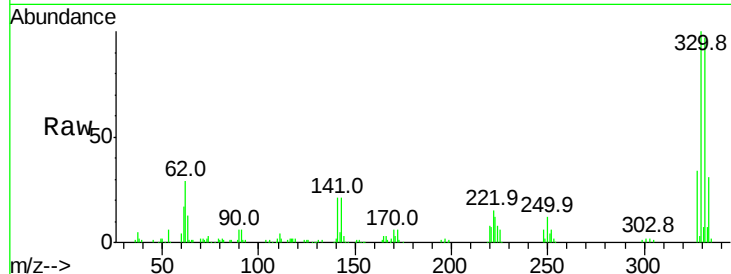




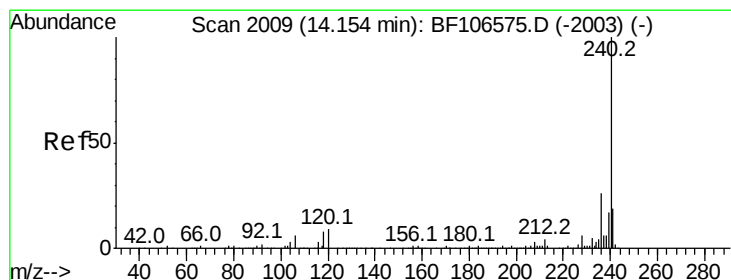
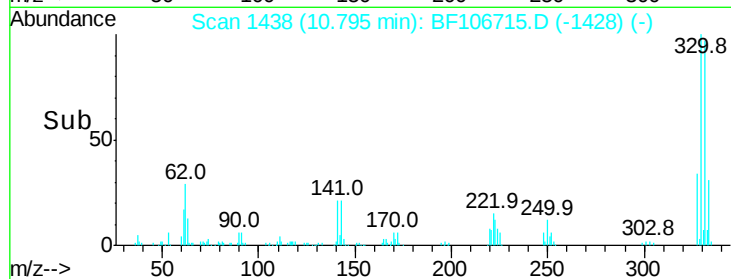
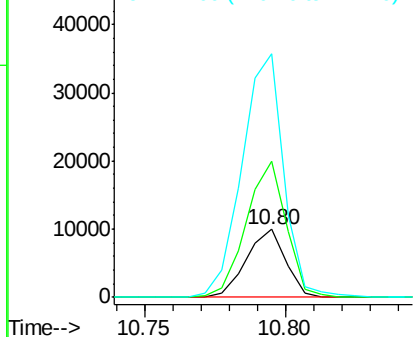
#66
 4-Bromophenyl-phenylether
 Concen: 3.182 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106715.D
 Acq: 22 Jun 2018 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9554
 Ion Ratio Lower Upper
 248 100
 250 199.1 76.9 115.3#
 141 357.8 74.4 111.6#

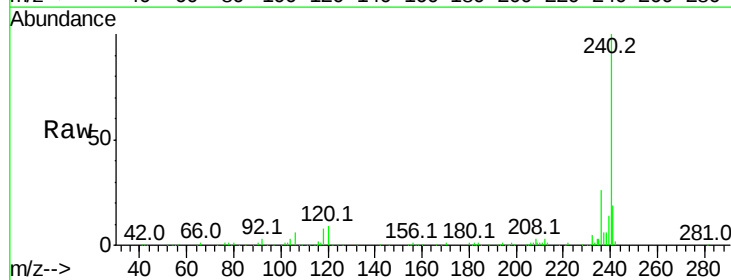


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

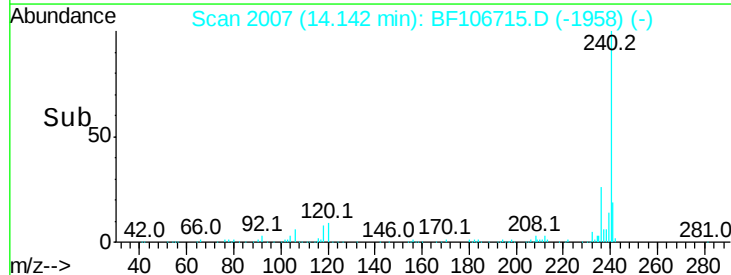
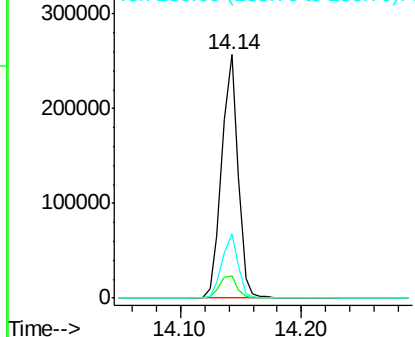


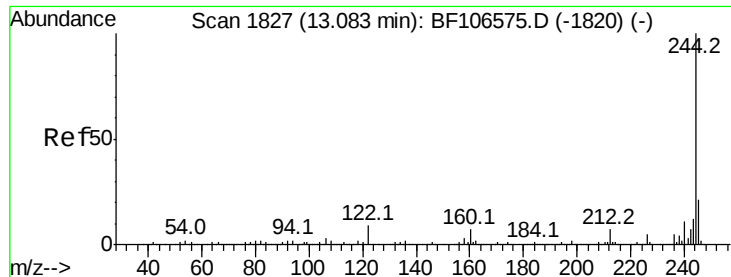
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF106715.D
 Acq: 22 Jun 2018 18:23

Tgt Ion:240 Resp: 239987
 Ion Ratio Lower Upper
 240 100
 120 9.3 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

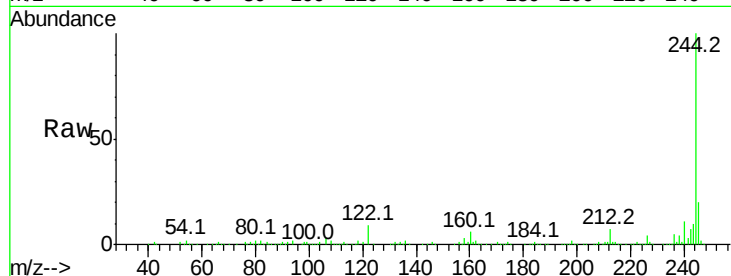




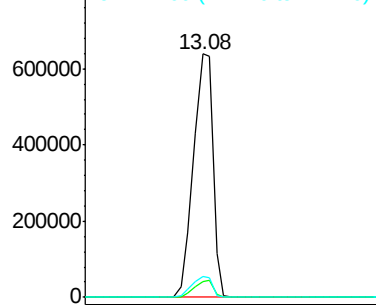
#78
 Terphenyl-d14
 Concen: 72.372 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106715.D
 Acq: 22 Jun 2018 18:23

Instrument :
 BNA_F
 ClientSampleId :

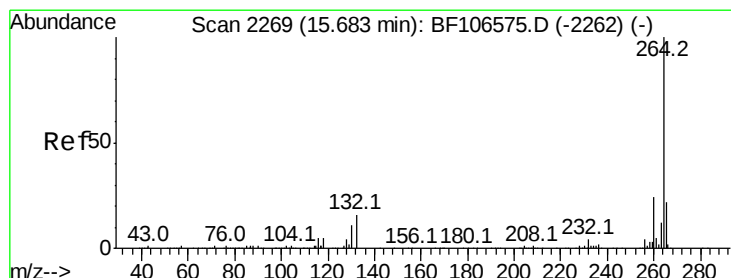
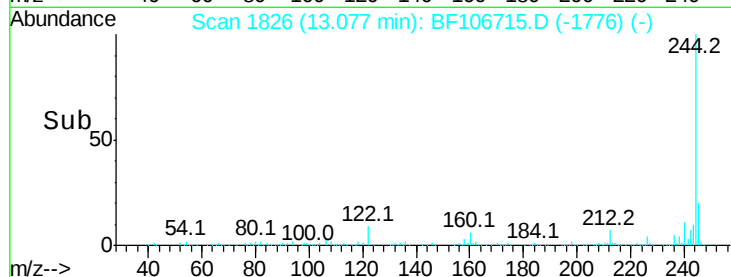
Tot Ion:244 Resp: 717022
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.8 11.0 16.4#



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

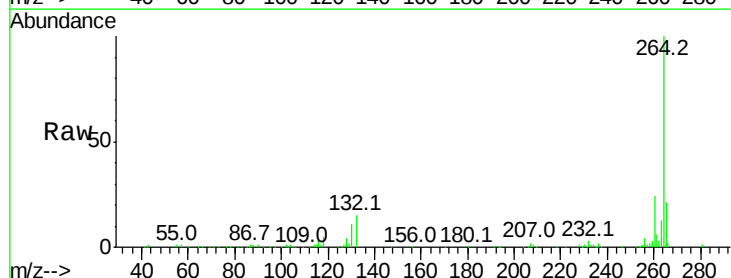


Time-->

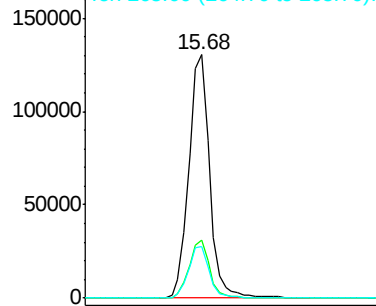


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106715.D
 Acq: 22 Jun 2018 18:23

Tgt Ion:264 Resp: 186538
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.2 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



Time-->

