

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106800.D
 Acq On : 26 Jun 2018 4:40
 Operator : JU/SJ
 Sample : J3648-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 07:28:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

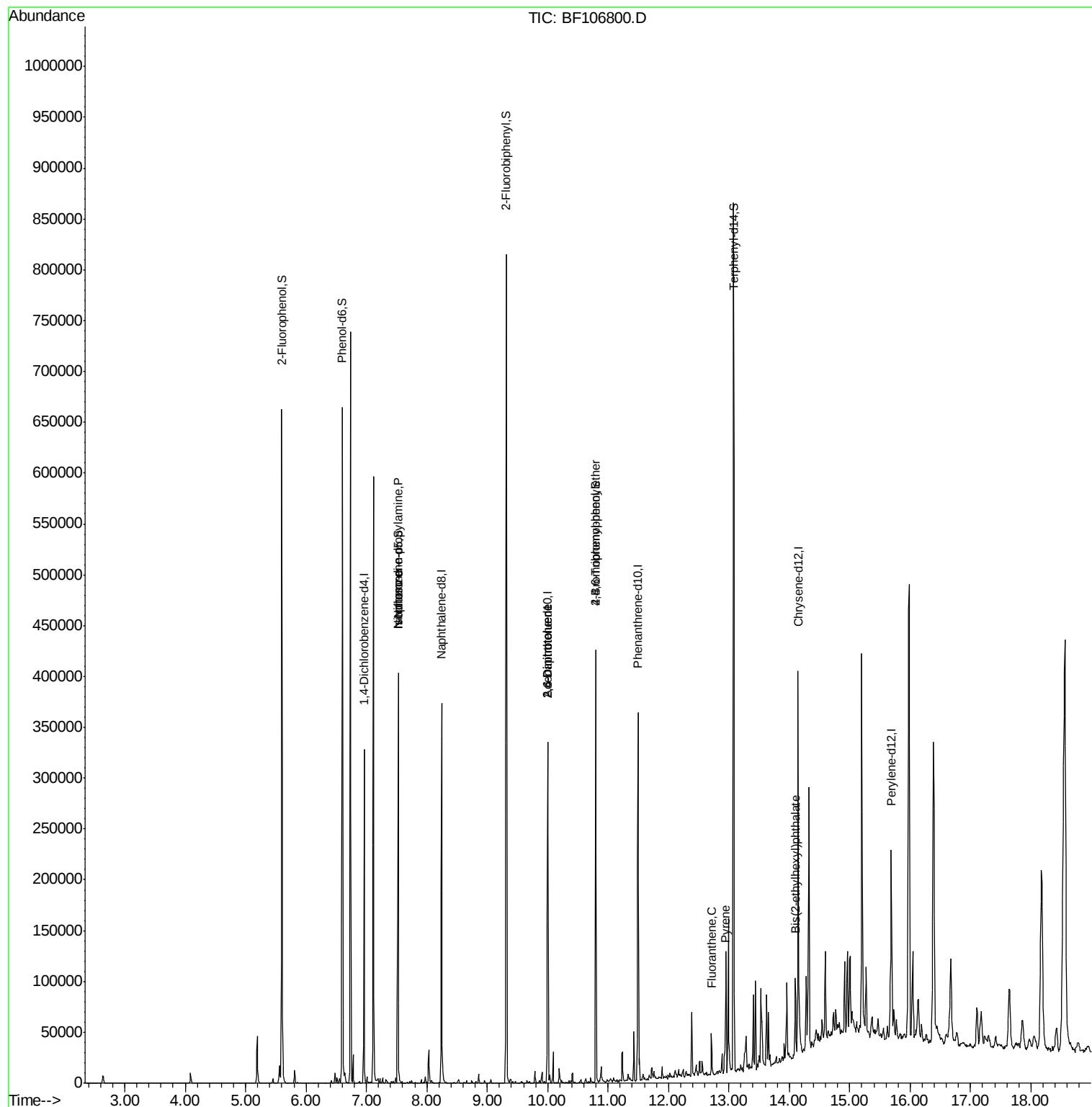
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44685	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	159677	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	68911	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	128990	20.00	ng	0.00
75) Chrysene-d12	14.15	240	127534	20.00	ng	-0.02
86) Perylene-d12	15.69	264	91726	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	181445	68.76	ng	0.00
7) Phenol-d6	6.60	99	222207	67.43	ng	-0.01
23) Nitrobenzene-d5	7.52	82	138485	48.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	55740	69.79	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	270696	62.60	ng	-0.01
78) Terphenyl-d14	13.08	244	303652	57.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	17615	8.109	ng	# 72
25) Isophorone	7.52	82	138483	27.351	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	8514	7.779	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8514	5.960	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	3581	2.326	ng	# 1
74) Fluoranthene	12.71	202	15316	2.234	ng	95
77) Pyrene	12.94	202	17709	2.106	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	10780	2.439	ng	92

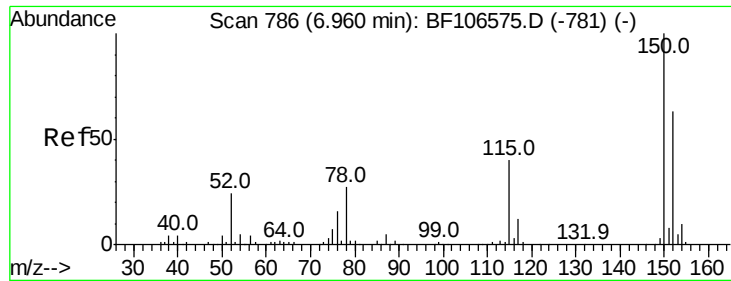
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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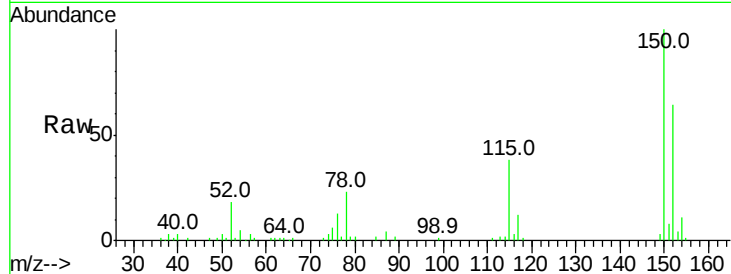


#1

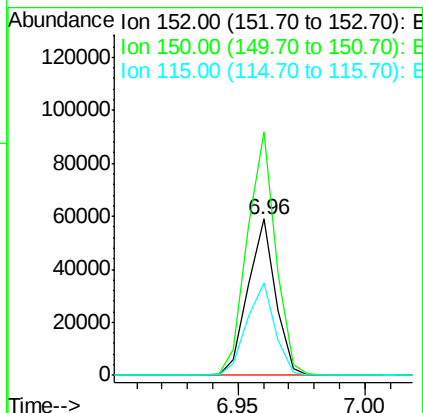
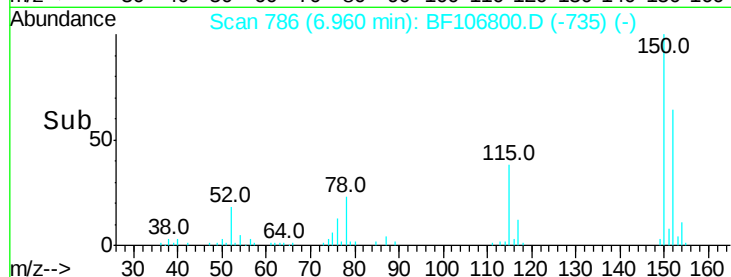
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 44685
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 59.6 50.1 75.1



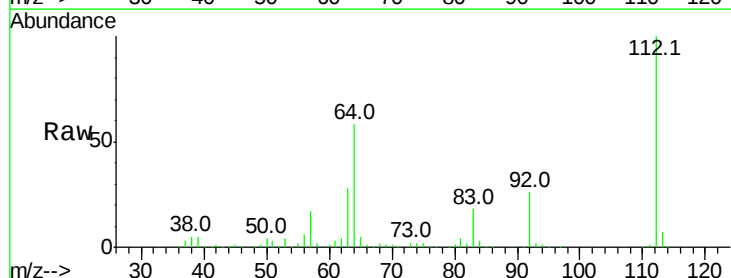
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



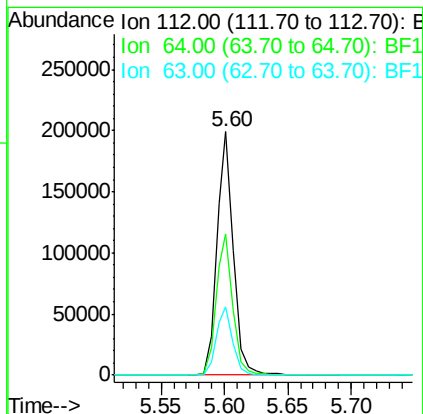
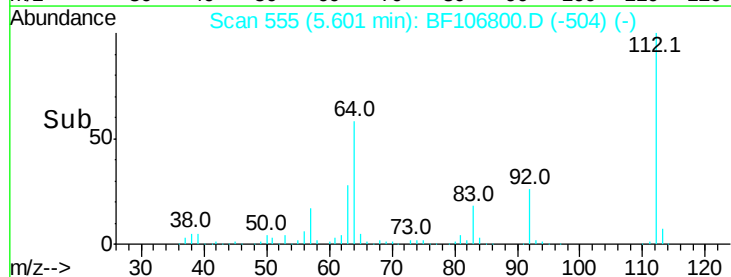
#5

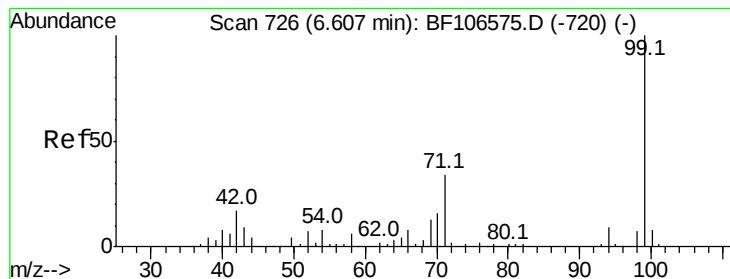
2-Fluorophenol
Concen: 68.758 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Tgt Ion:112 Resp: 181445
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 28.0 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: 67.428 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

Instrument :

BNA_F

ClientSampleId :

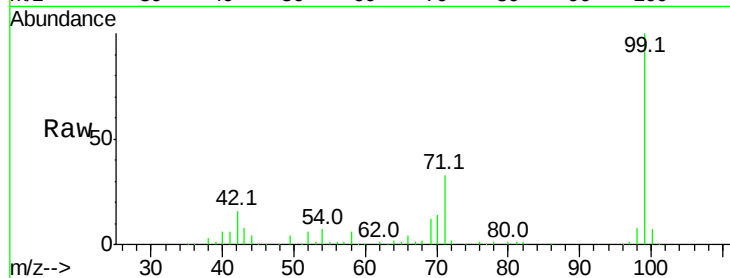
Tot Ion: 99 Resp: 222207

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

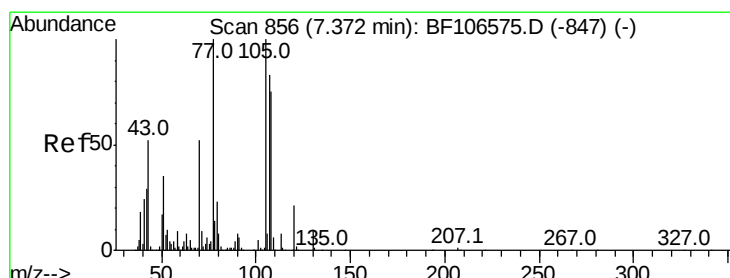
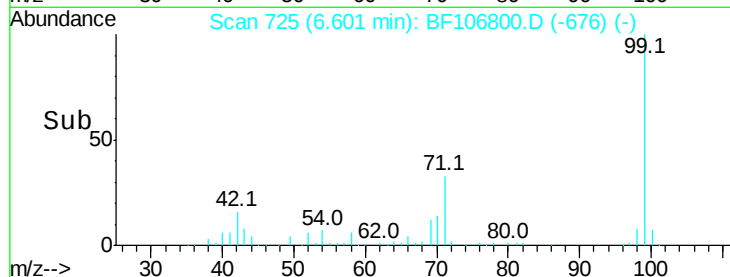
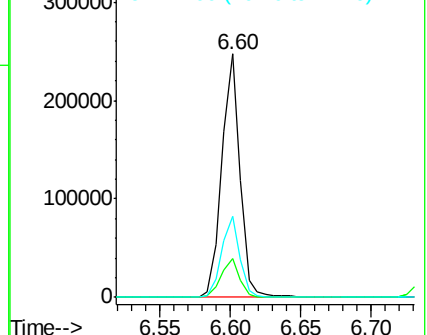
71 33.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.109 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

Tgt Ion: 70 Resp: 17615

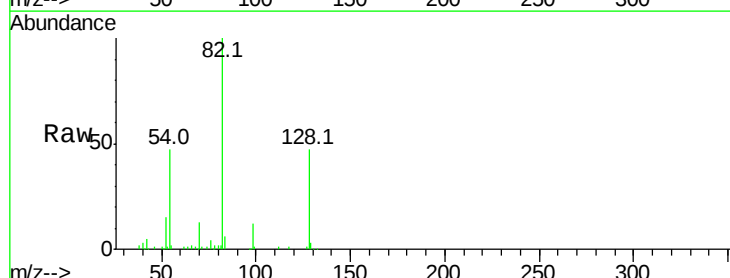
Ion Ratio Lower Upper

70 100

42 41.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

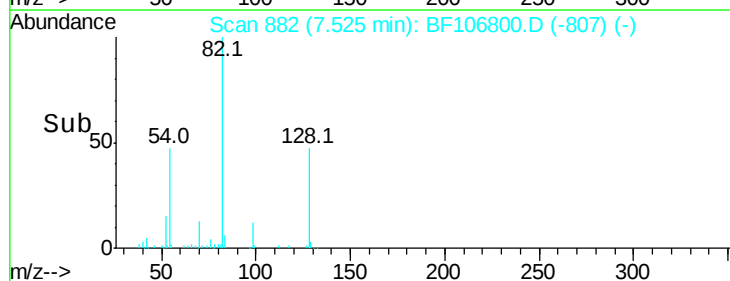
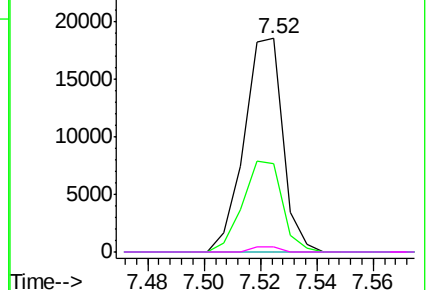


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 159677

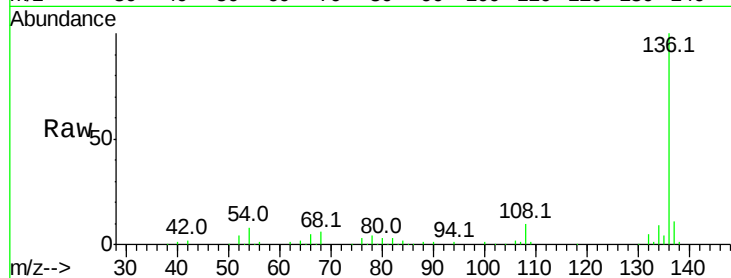
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 6.2 5.0 7.4

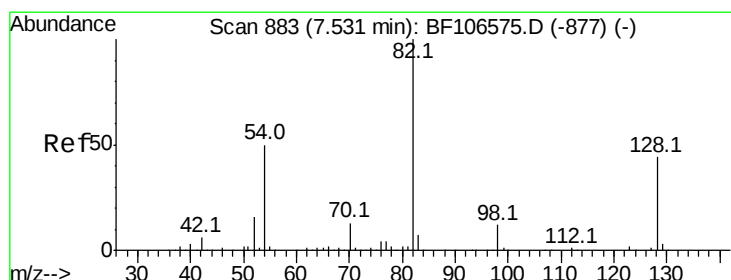
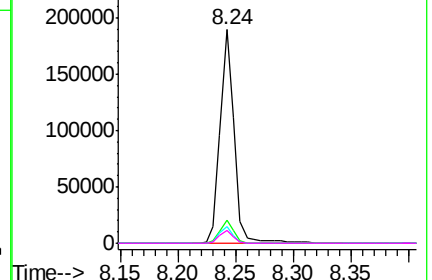
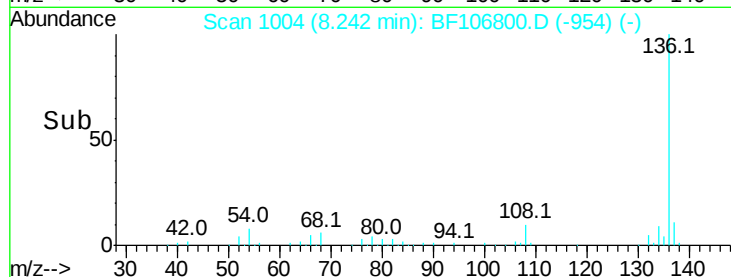


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.198 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

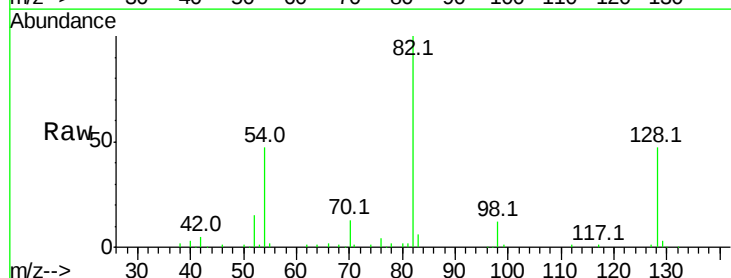
Tgt Ion: 82 Resp: 138485

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

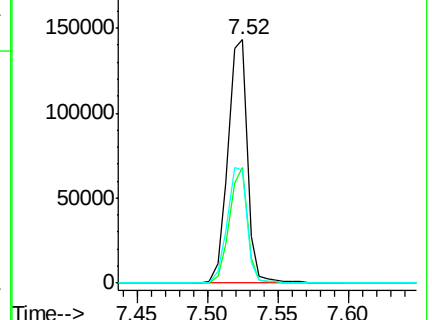
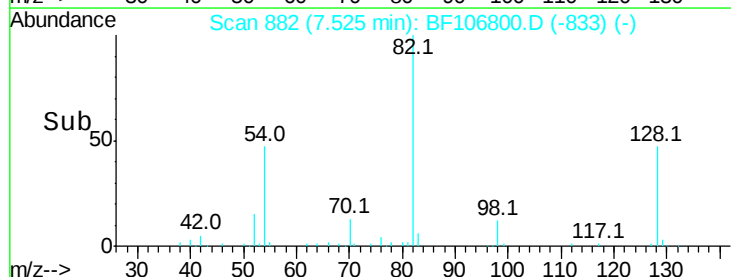
54 46.6 41.4 62.2

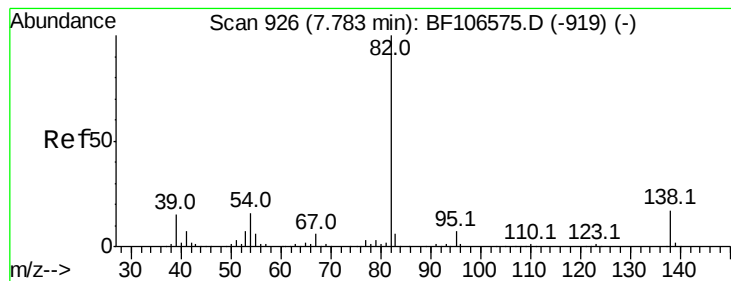


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 27.351 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

Instrument :

BNA_F

ClientSampleId :

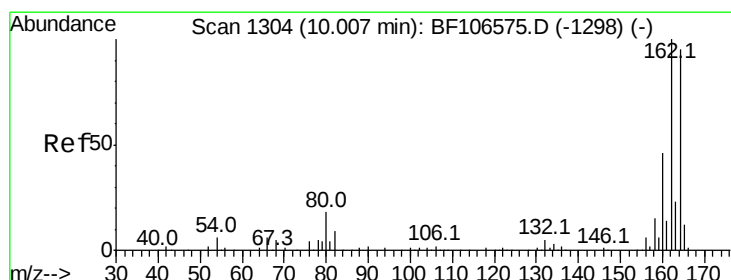
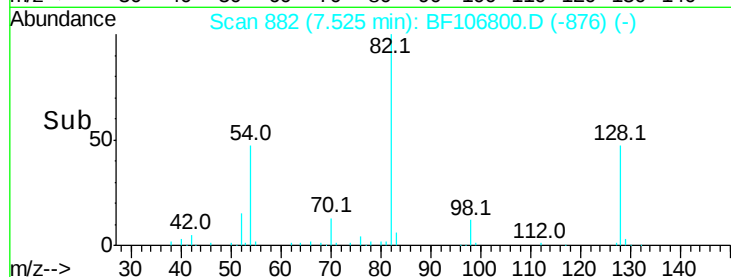
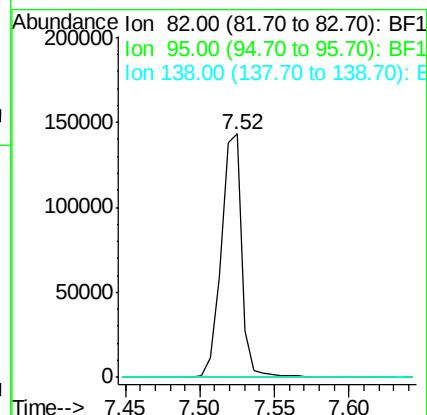
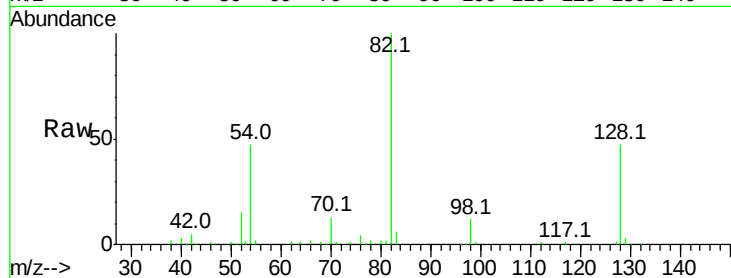
Tot Ion: 82 Resp: 138483

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

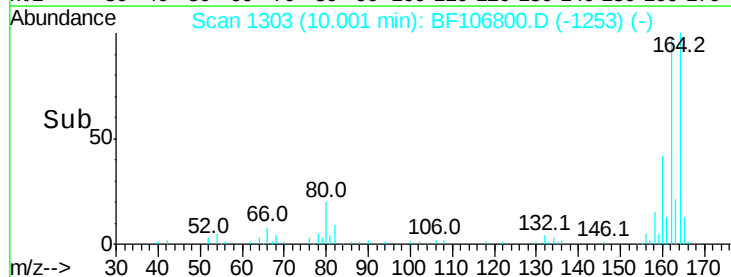
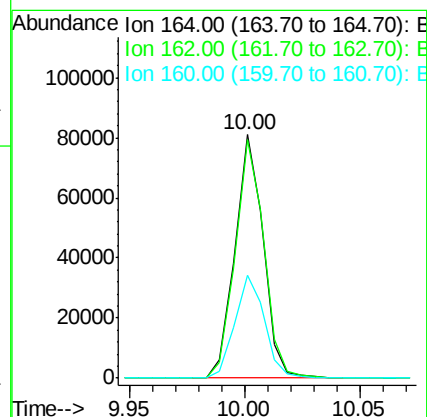
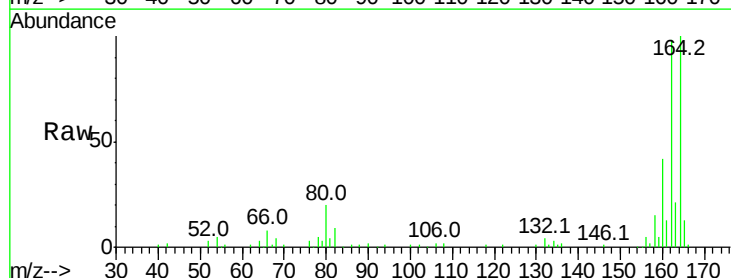
Tgt Ion:164 Resp: 68911

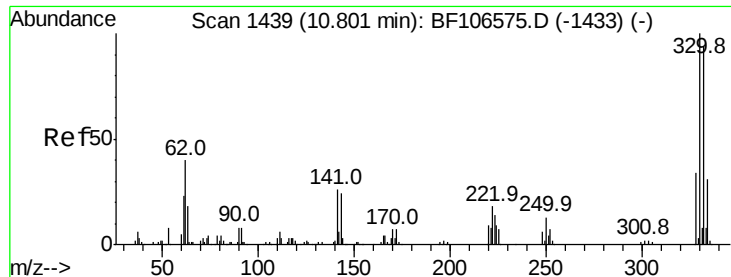
Ion Ratio Lower Upper

164 100

162 98.1 86.1 129.1

160 42.4 38.3 57.5

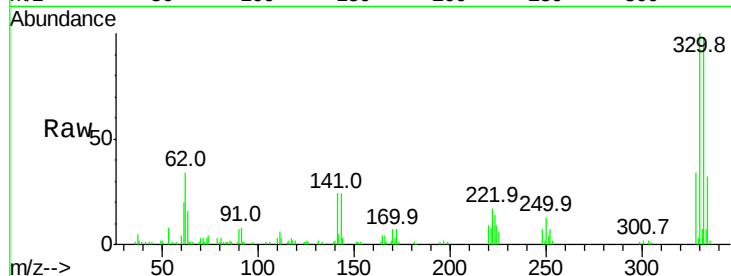




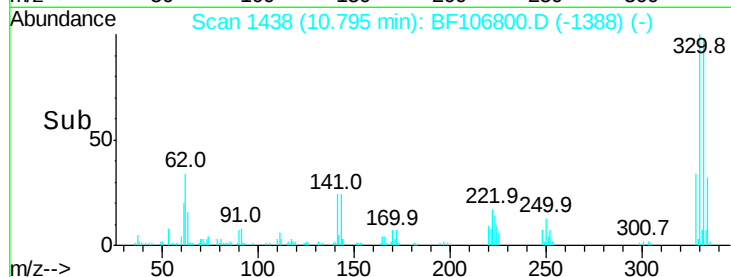
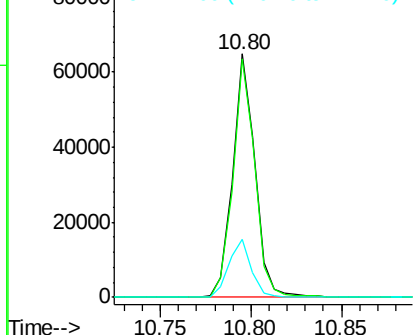
#41
 2,4,6-Tribromophenol
 Concen: 69.789 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106800.D
 Acq: 26 Jun 2018 4:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 55740
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 23.6 29.9 44.9#

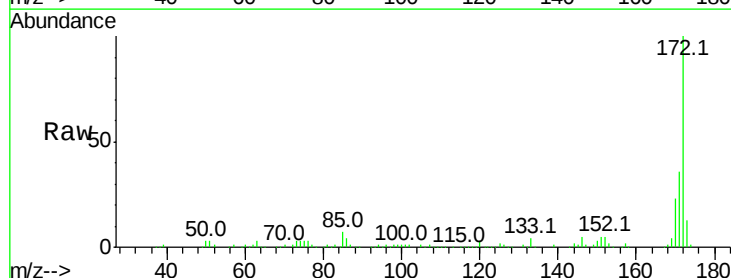


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

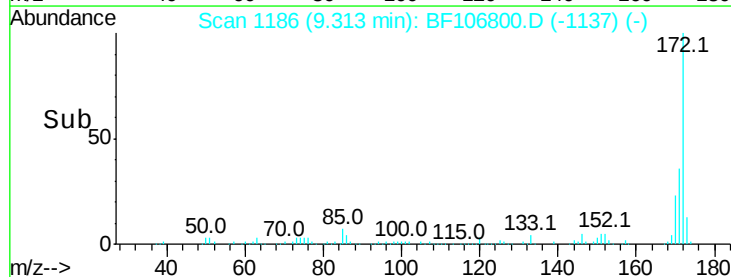
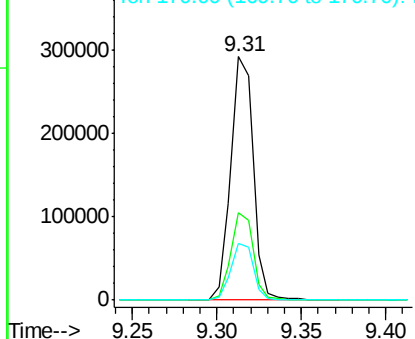


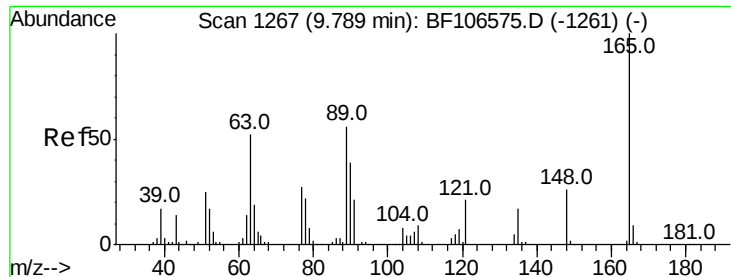
#44
 2-Fluorobiphenyl
 Concen: 62.603 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106800.D
 Acq: 26 Jun 2018 4:40

Tgt Ion:172 Resp: 270696
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.4 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

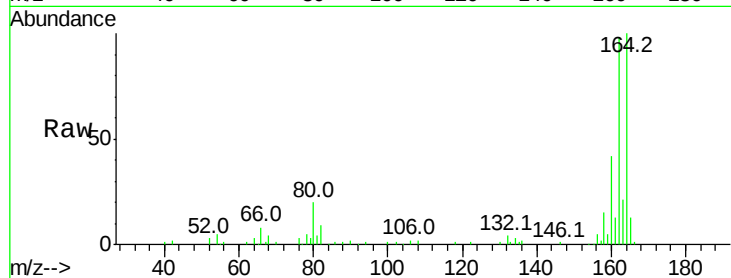




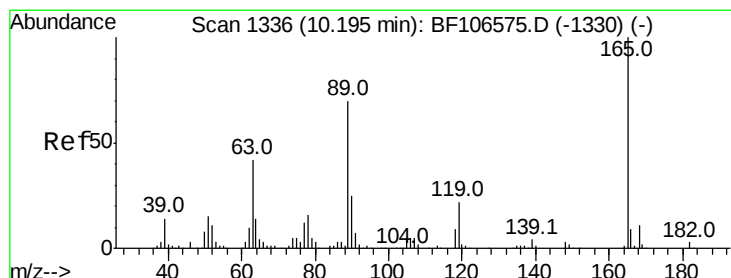
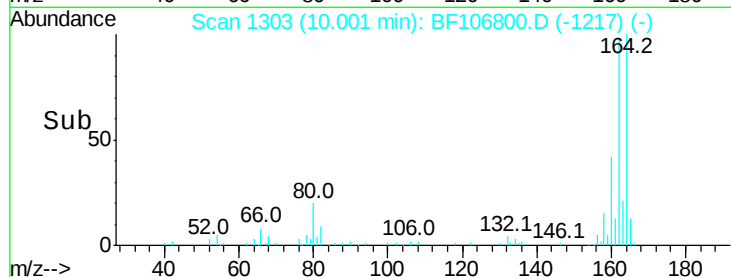
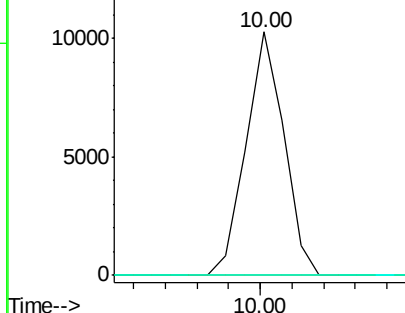
#50
2,6-Dinitrotoluene
Concen: 7.779 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 8514
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

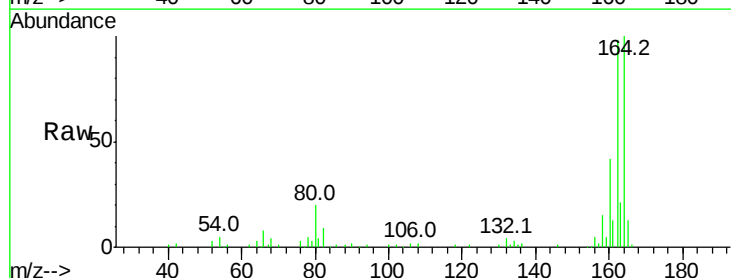


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

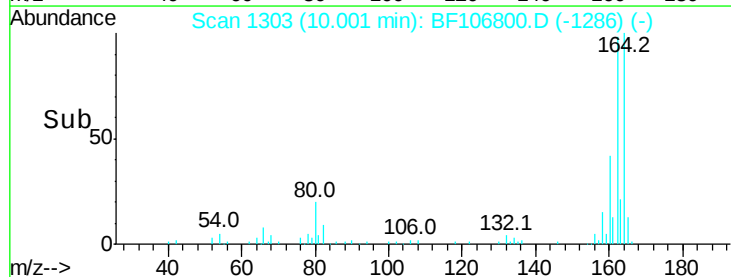
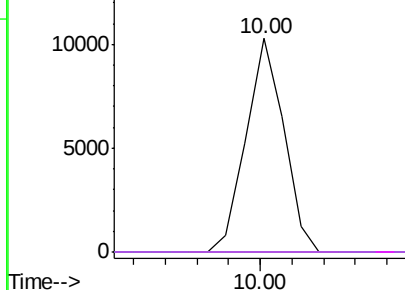


#56
2,4-Dinitrotoluene
Concen: 5.960 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF106800.D
Acq: 26 Jun 2018 4:40

Tgt Ion:165 Resp: 8514
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

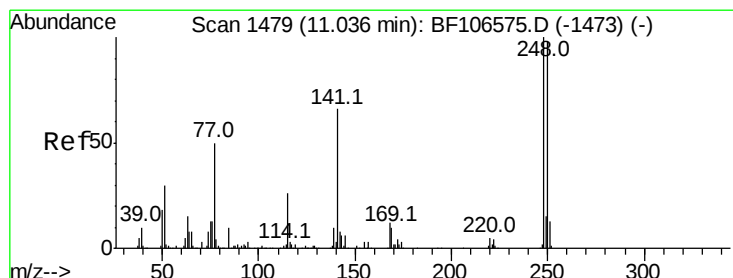
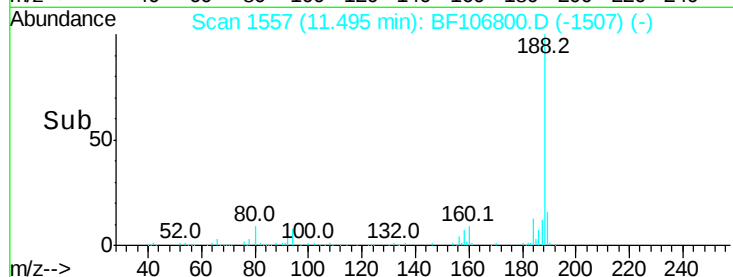
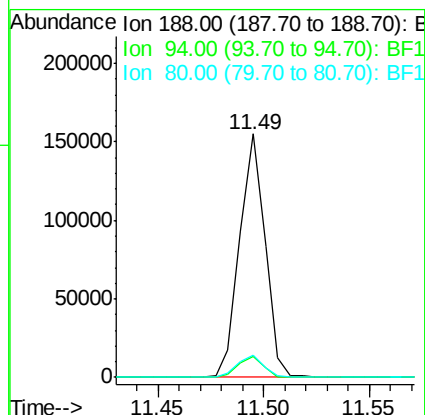
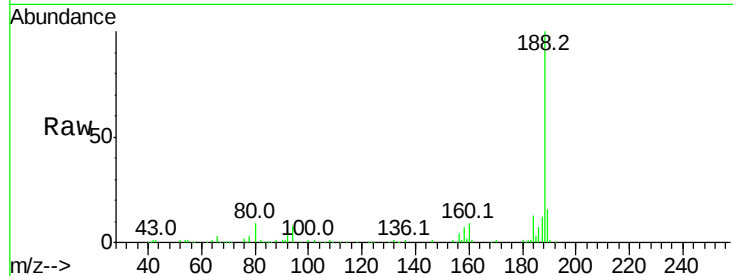




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106800.D
 Acq: 26 Jun 2018 4:40

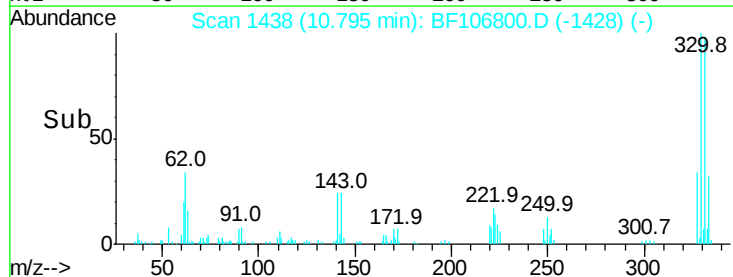
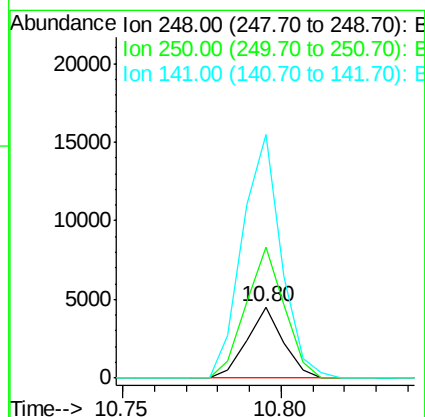
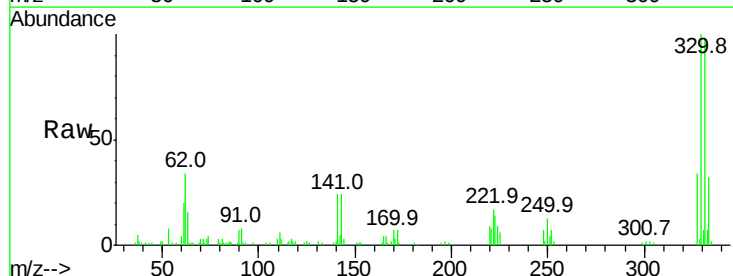
Instrument :
 BNA_F
 ClientSampleId :

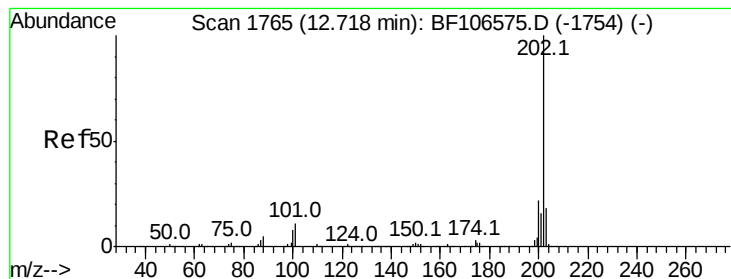
Tot Ion:188 Resp: 128990
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.5 12.7#
 80 9.0 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.326 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106800.D
 Acq: 26 Jun 2018 4:40

Tgt Ion:248 Resp: 3581
 Ion Ratio Lower Upper
 248 100
 250 184.0 76.9 115.3#
 141 341.1 74.4 111.6#





#74

Fluoranthene

Concen: 2.234 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

Instrument :

BNA_F

ClientSampleId :

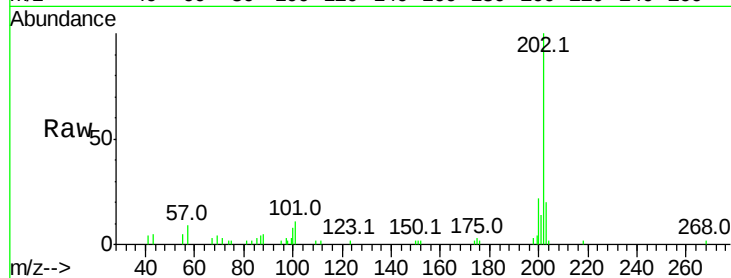
Tot Ion:202 Resp: 15316

Ion Ratio Lower Upper

202 100

101 11.2 0.0 34.1

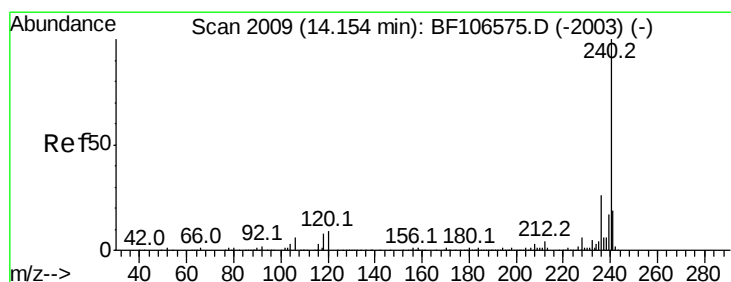
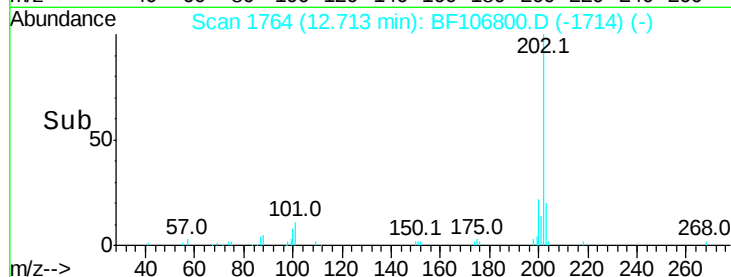
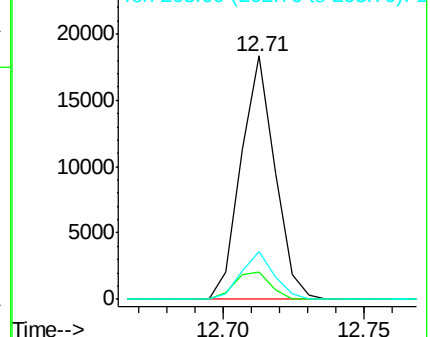
203 19.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

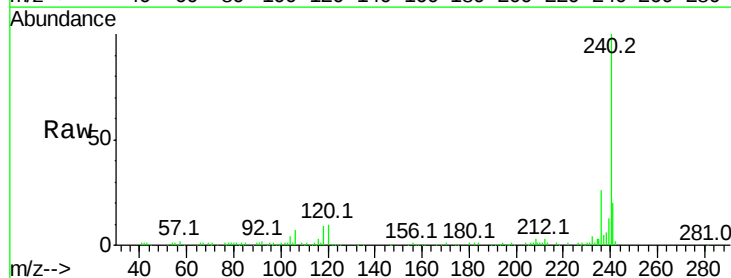
Tgt Ion:240 Resp: 127534

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

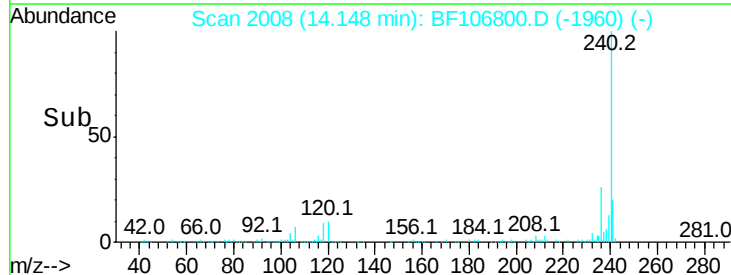
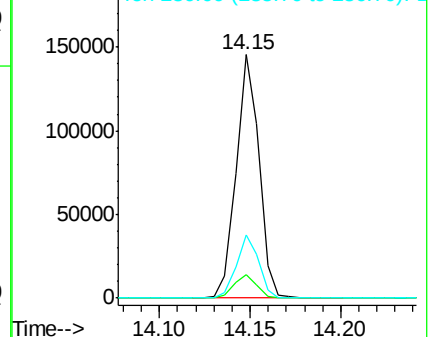
236 26.1 20.7 31.1

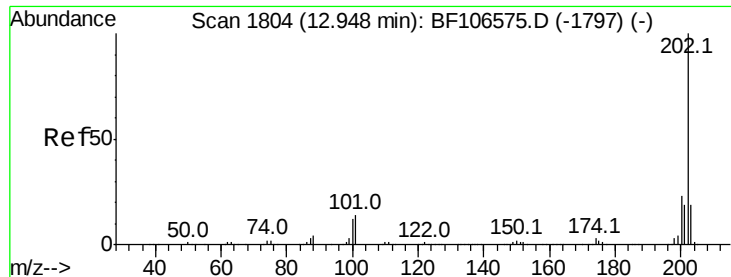


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

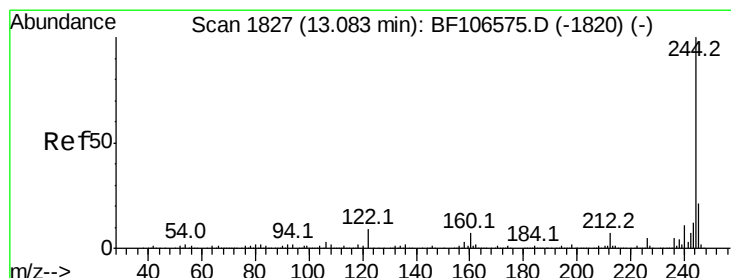
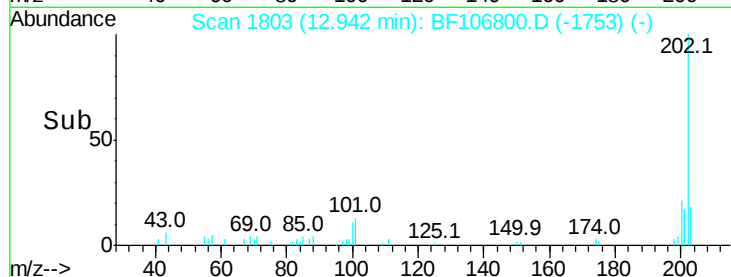
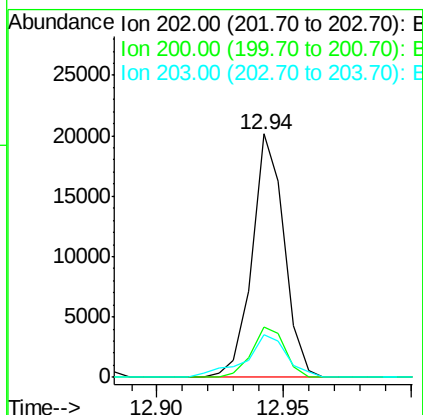
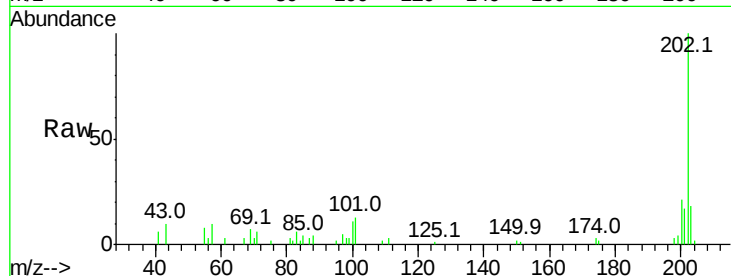




#77
 Pvrene
 Concen: 2.106 ng
 RT: 12.94 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF106800.D
 Acq: 26 Jun 2018 4:40

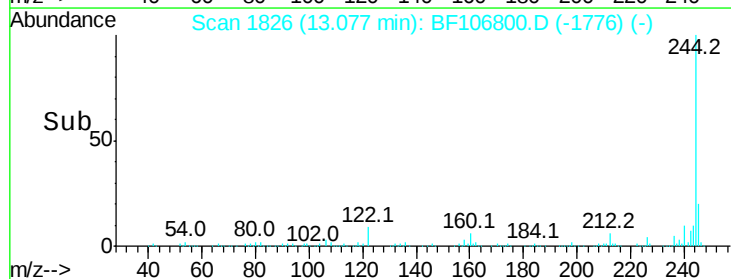
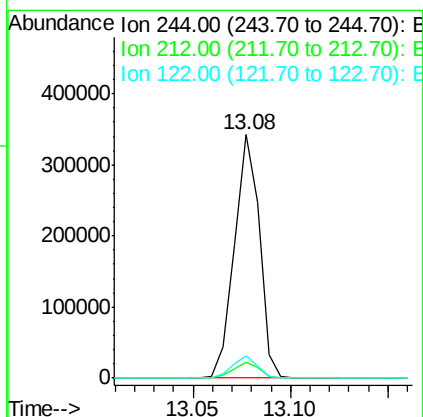
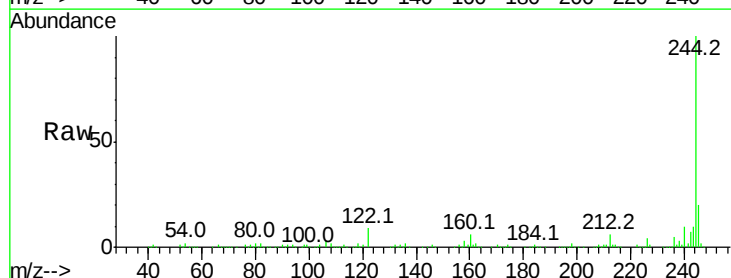
Instrument :
 BNA_F
 ClientSampleId :

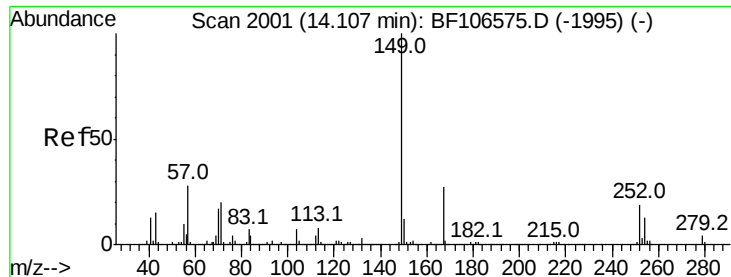
Tot Ion:202 Resp: 17709
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.4 26.2
 203 17.7 14.3 21.5



#78
 Terphenyl-d14
 Concen: 57.674 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106800.D
 Acq: 26 Jun 2018 4:40

Tgt Ion:244 Resp: 303652
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.3 11.0 16.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.439 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

Instrument :

BNA_F

ClientSampleId :

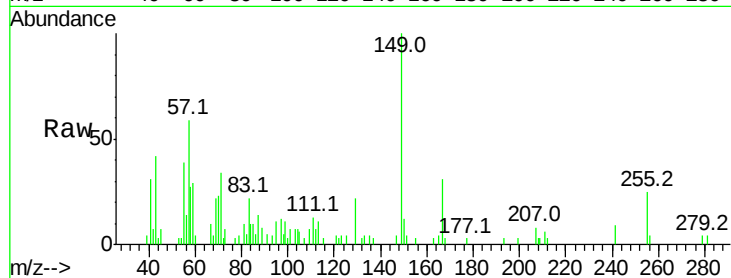
Tot Ion:149 Resp: 10780

Ion Ratio Lower Upper

149 100

167 31.3 21.3 31.9

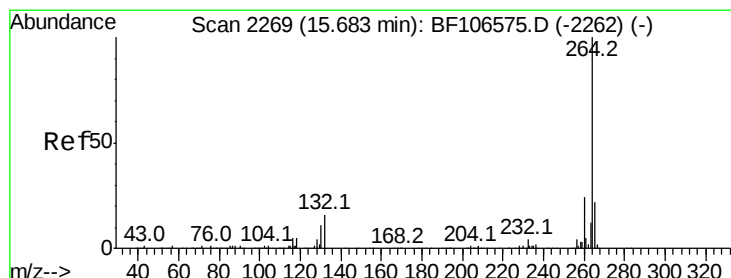
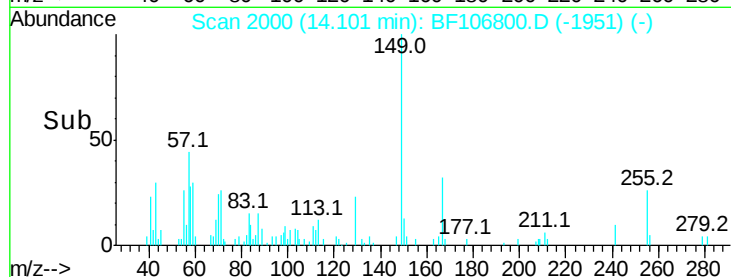
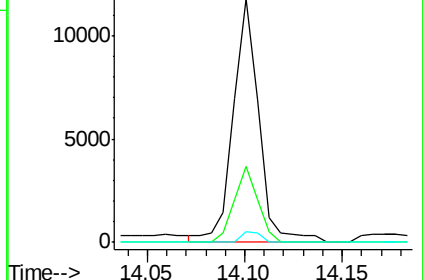
279 4.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.03 min

Lab File: BF106800.D

Acq: 26 Jun 2018 4:40

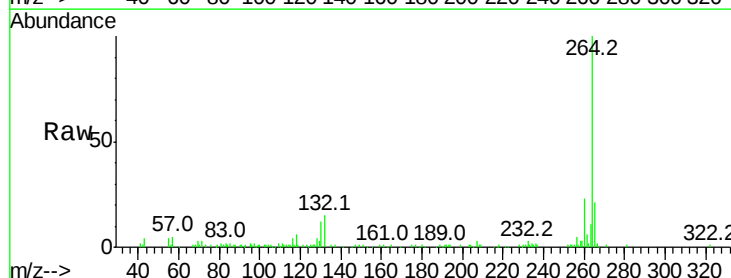
Tgt Ion:264 Resp: 91726

Ion Ratio Lower Upper

264 100

260 23.0 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

