

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106722.D
 Acq On : 22 Jun 2018 21:28
 Operator : JU/SJ
 Sample : J3594-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 22:24:47 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

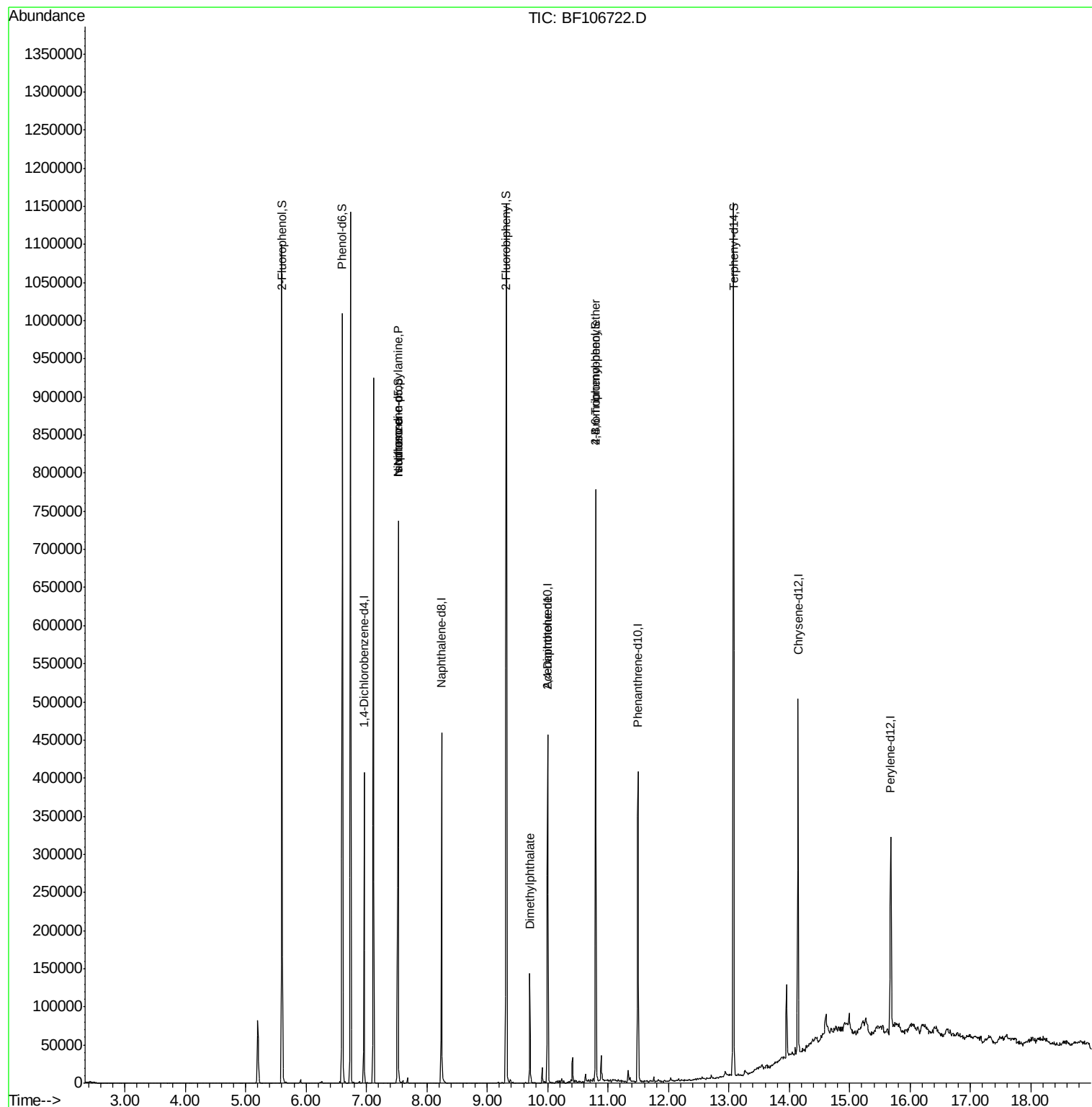
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	54411	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	197772	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	88365	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	155224	20.00	ng	0.00
75) Chrysene-d12	14.14	240	158808	20.00	ng	-0.01
86) Perylene-d12	15.68	264	131822	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	315932	98.32	ng	0.00
7) Phenol-d6	6.60	99	392613	97.84	ng	0.00
23) Nitrobenzene-d5	7.52	82	247089	69.43	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	106137	103.63	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	406244	76.31	ng	-0.01
78) Terphenyl-d14	13.08	244	407773	62.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	31652	11.966	ng	# 73
25) Isophorone	7.52	82	247087	39.401	ng	# 64
49) Dimethylphthalate	9.71	163	57117	8.618	ng	99
56) 2,4-Dinitrotoluene	10.00	165	11160	6.092	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6300	3.401	ng	# 1

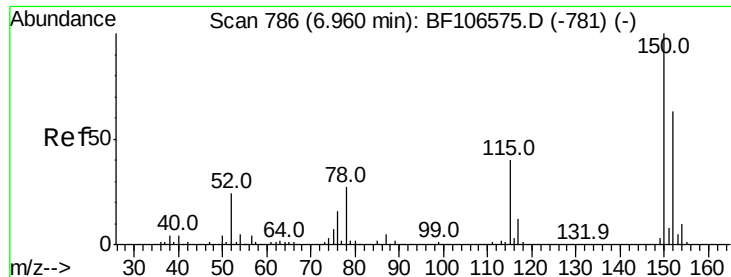
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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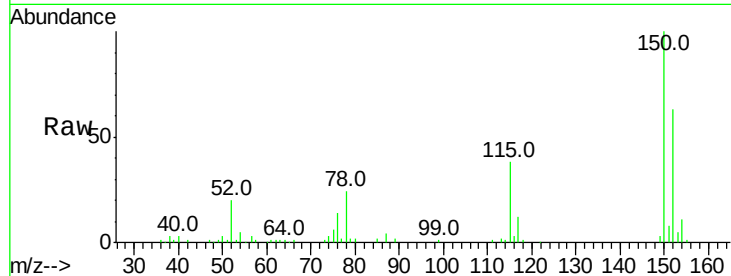


#1

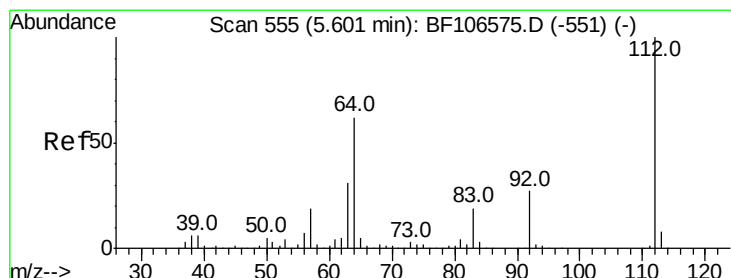
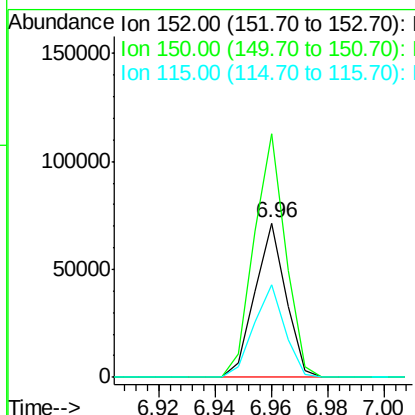
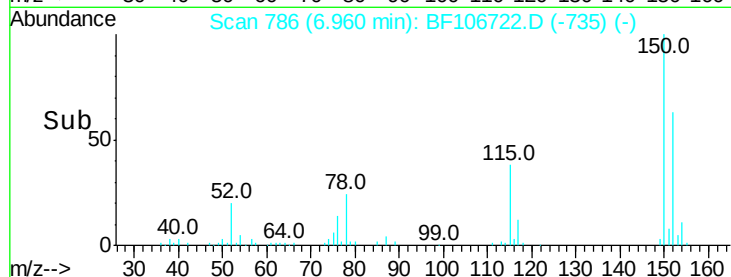
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106722.D
Acq: 22 Jun 2018 21:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 54411
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 59.6 50.1 75.1



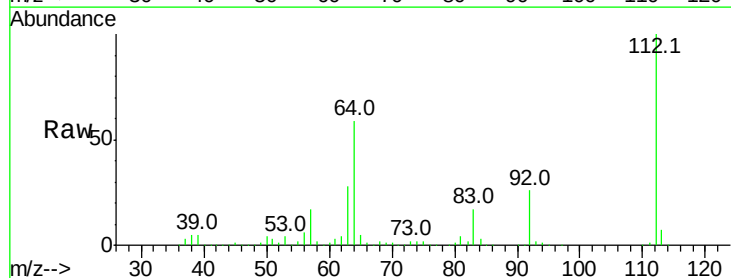
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



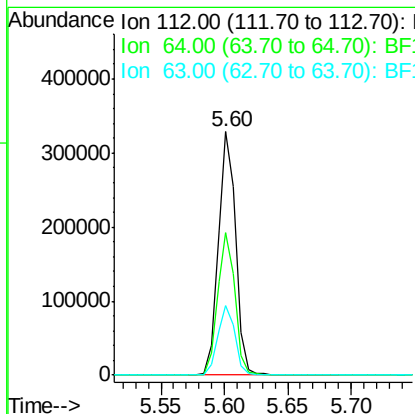
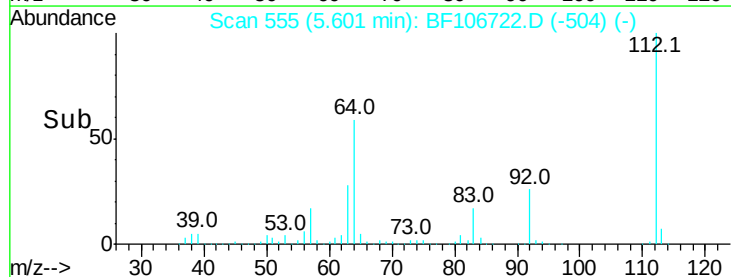
#5

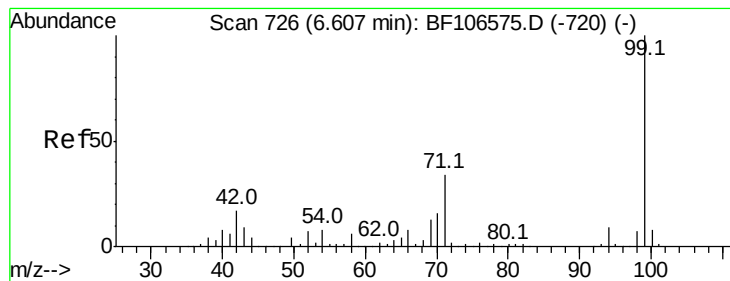
2-Fluorophenol
Concen: 98.321 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106722.D
Acq: 22 Jun 2018 21:28

Tgt Ion:112 Resp: 315932
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 28.5 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: 97.841 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106722.D

Acq: 22 Jun 2018 21:28

Instrument :

BNA_F

ClientSampled :

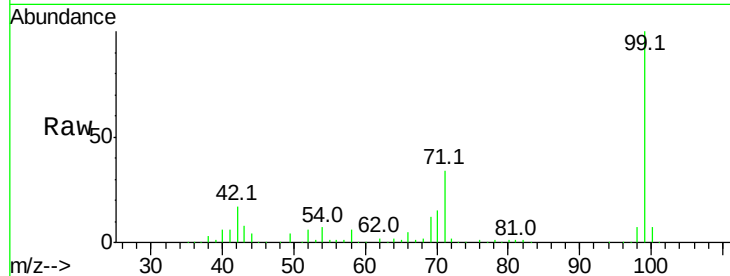
Tot Ion: 99 Resp: 392613

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.5	21.7
71	33.8	25.4	38.0

99 100

42 16.7 14.5 21.7

71 33.8 25.4 38.0

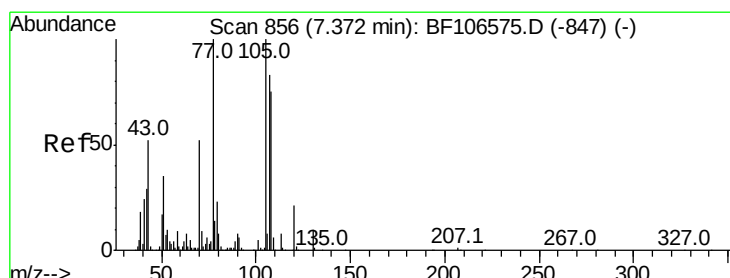
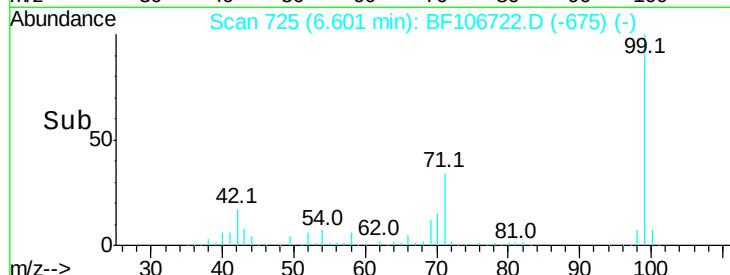
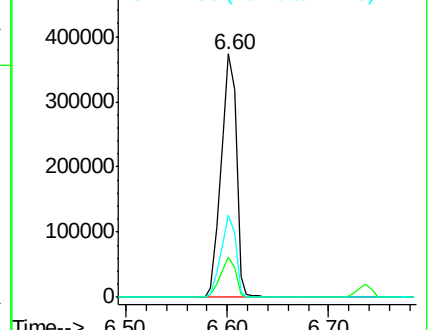


Abundance

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: 11.966 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106722.D

Acq: 22 Jun 2018 21:28

Tgt Ion: 70 Resp: 31652

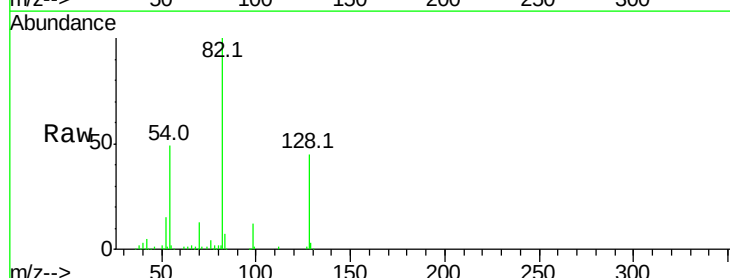
Ion	Ratio	Lower	Upper
70	100		
42	42.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



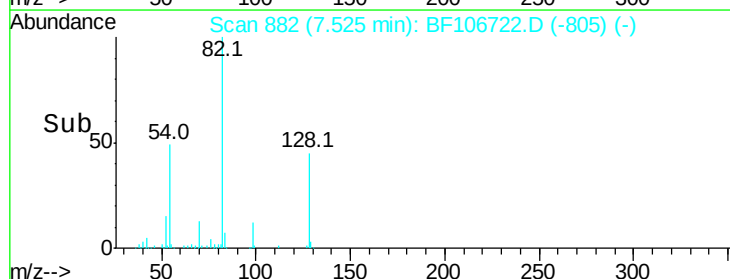
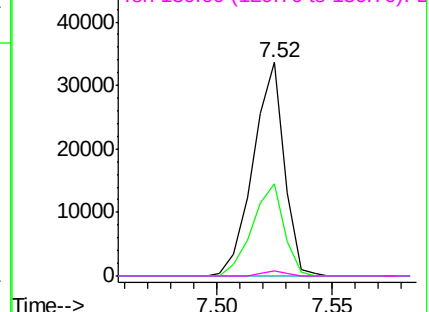
Abundance

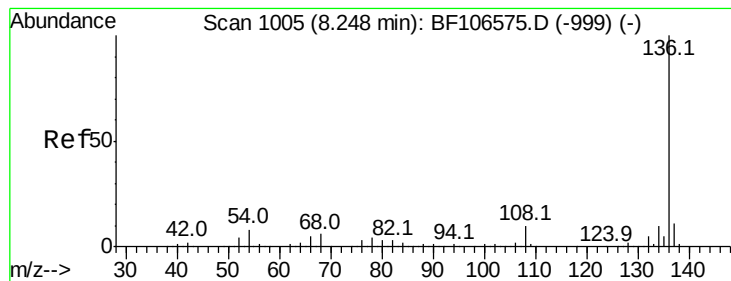
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): 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: BF106722.D

Acq: 22 Jun 2018 21:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 197772

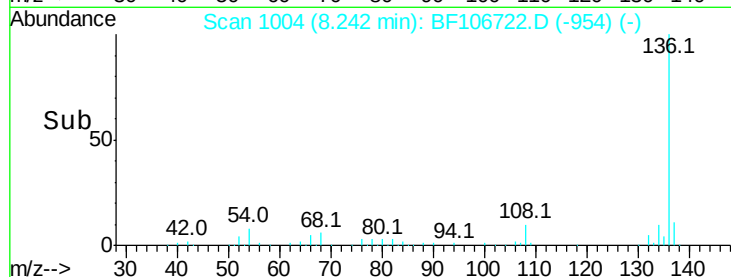
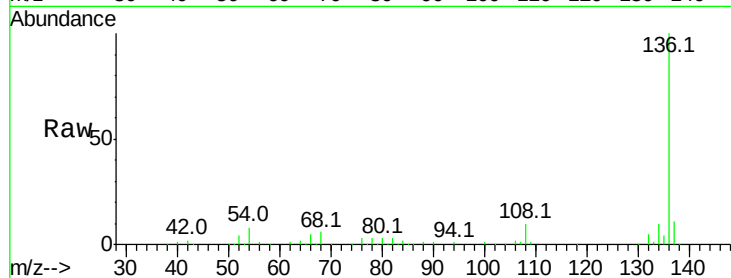
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.0 6.6 9.8

68 6.4 5.0 7.4

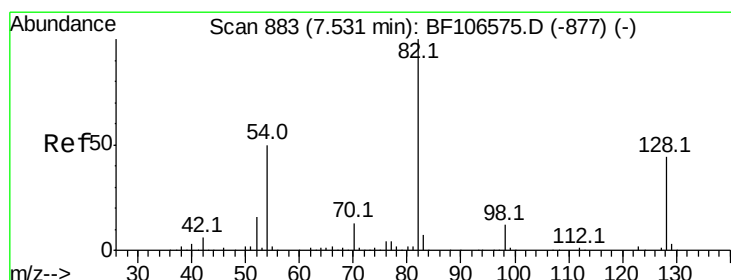
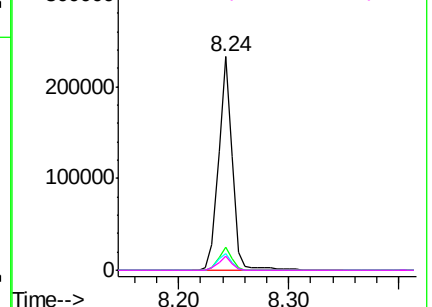


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.432 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106722.D

Acq: 22 Jun 2018 21:28

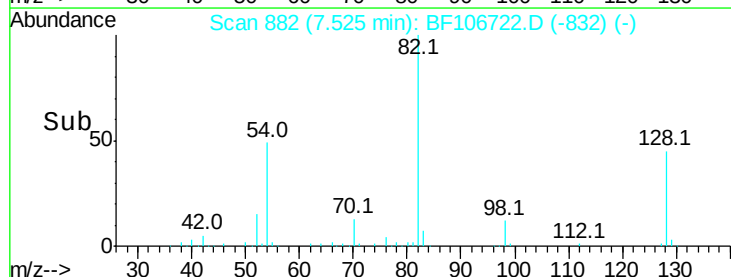
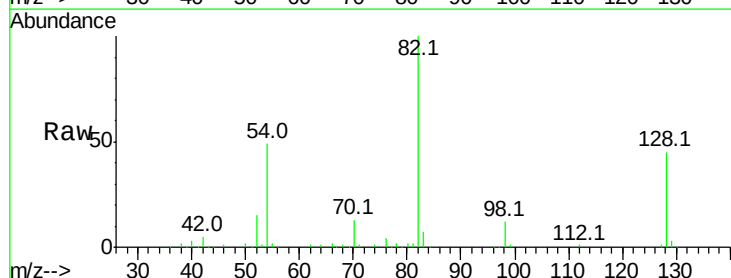
Tgt Ion: 82 Resp: 247089

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

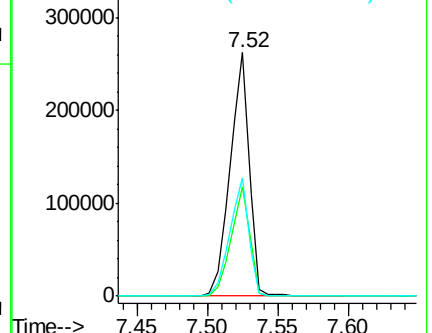
54 48.6 41.4 62.2

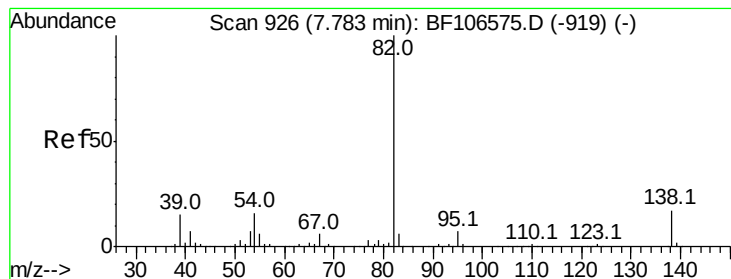


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.401 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106722.D

Acq: 22 Jun 2018 21:28

Instrument :

BNA_F

ClientSampleId :

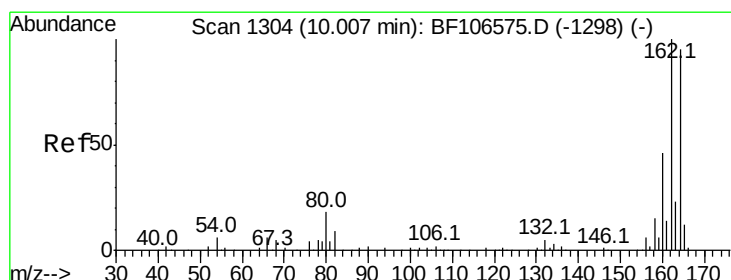
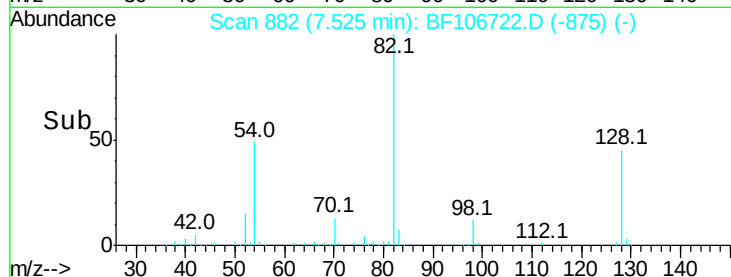
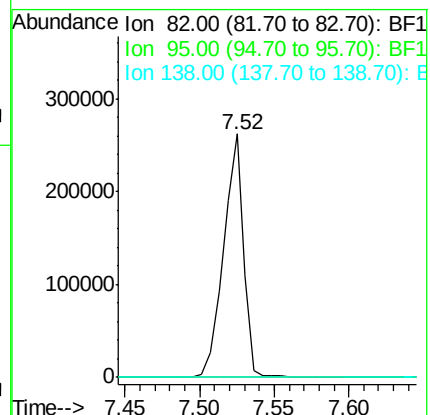
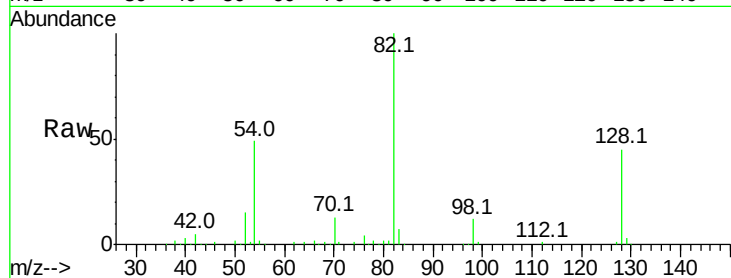
Tot Ion: 82 Resp: 247087

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: BF106722.D

Acq: 22 Jun 2018 21:28

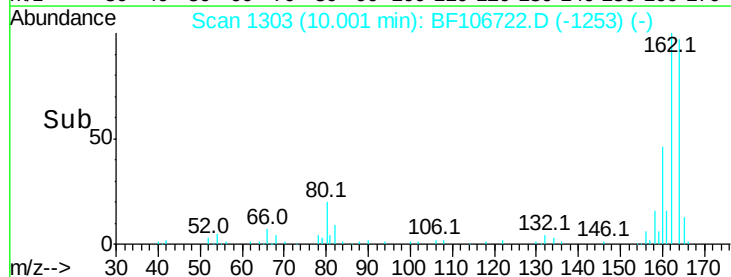
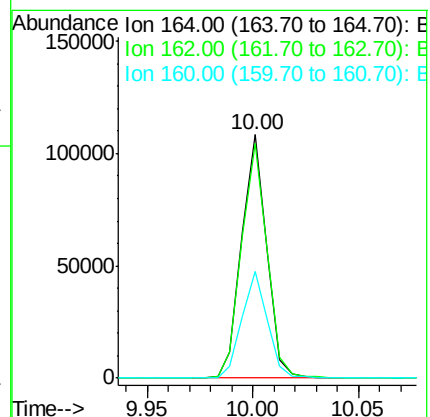
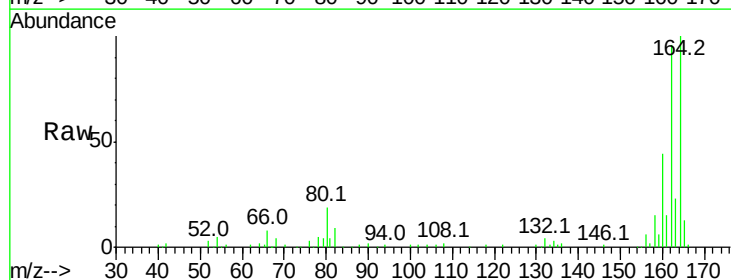
Tgt Ion: 164 Resp: 88365

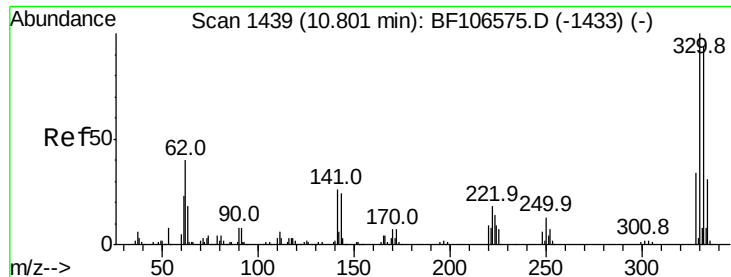
Ion Ratio Lower Upper

164 100

162 96.2 86.1 129.1

160 43.8 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 103.632 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106722.D

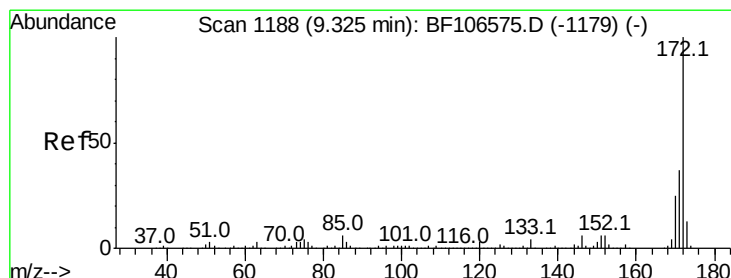
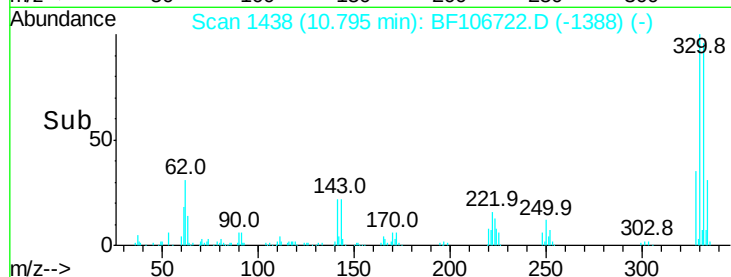
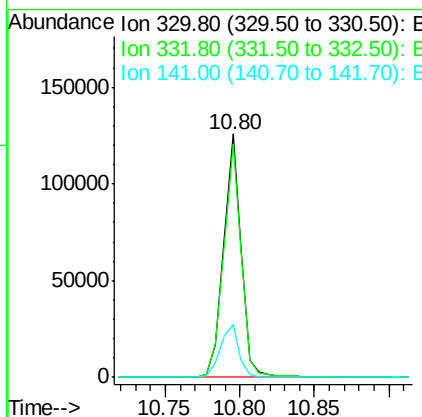
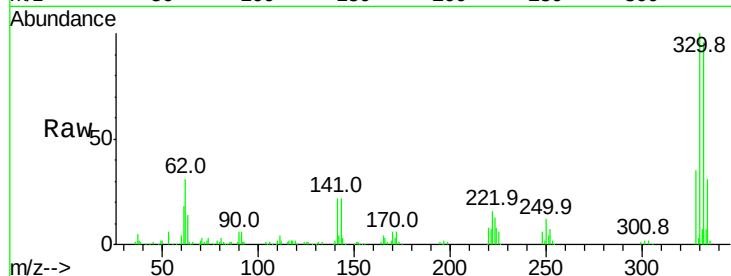
Acq: 22 Jun 2018 21:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	106137
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	22.8	29.9	44.9#



#44

2-Fluorobiphenyl

Concen: 76.307 ng

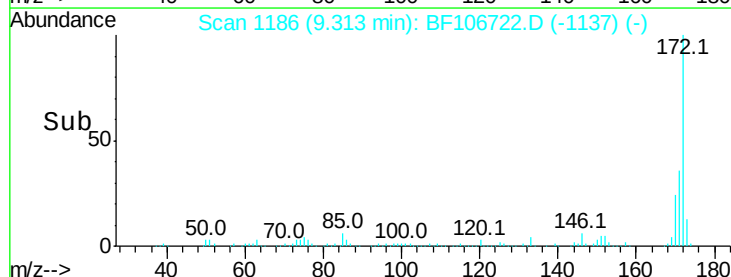
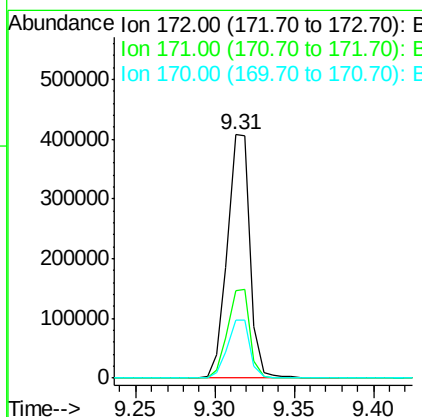
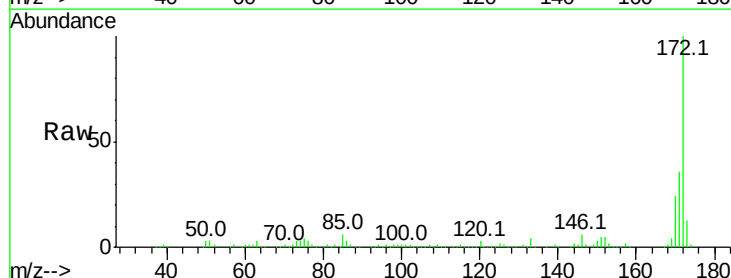
RT: 9.31 min Scan# 1186

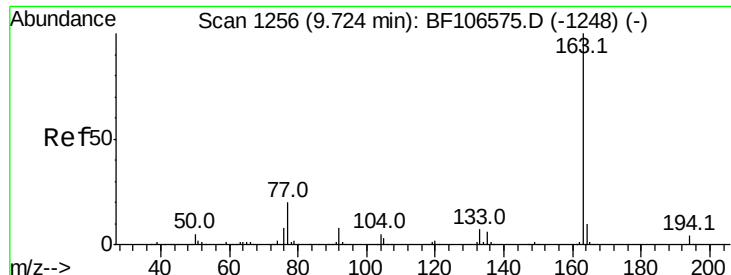
Delta R.T. -0.01 min

Lab File: BF106722.D

Acq: 22 Jun 2018 21:28

Tgt Ion:	172	Resp:	406244
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4





#49

Dimethylphthalate

Concen: 8.618 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106722.D

Acq: 22 Jun 2018 21:28

Instrument :

BNA_F

ClientSampleId :

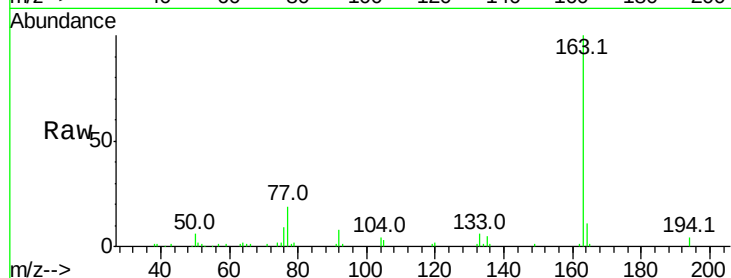
Tot Ion:163 Resp: 57117

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

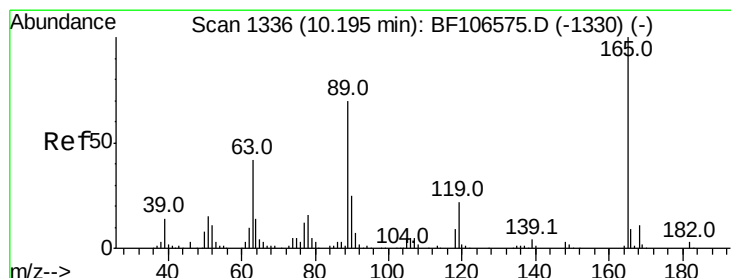
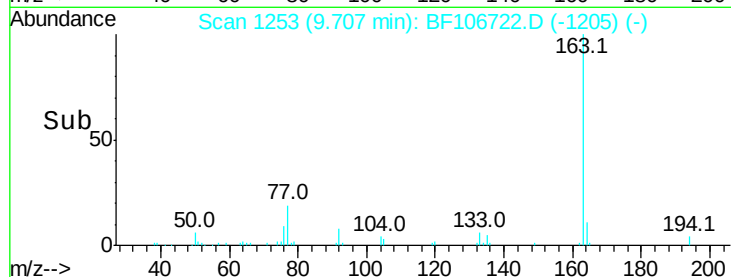
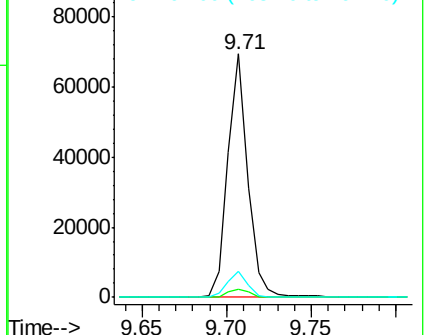
164 10.7 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.092 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106722.D

Acq: 22 Jun 2018 21:28

Tgt Ion:165 Resp: 11160

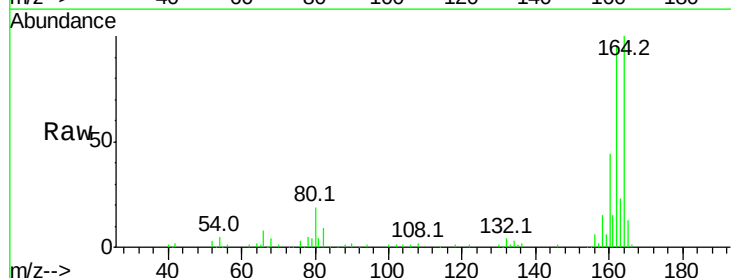
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

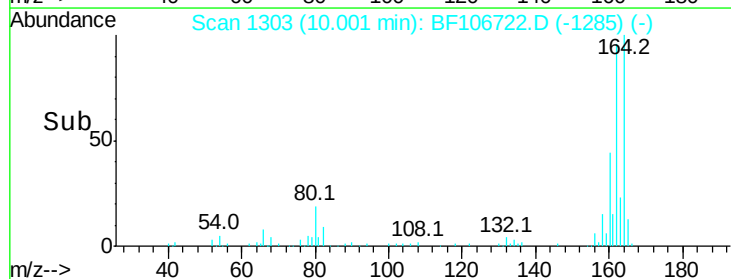
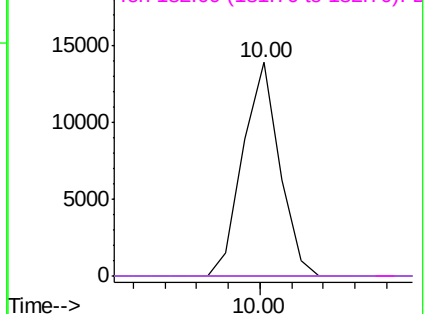


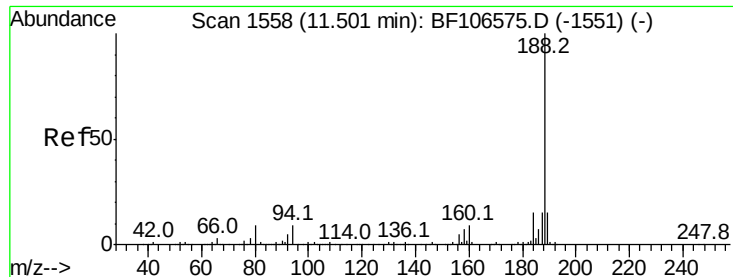
Abundance Ion 165.00 (164.70 to 165.70): E

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

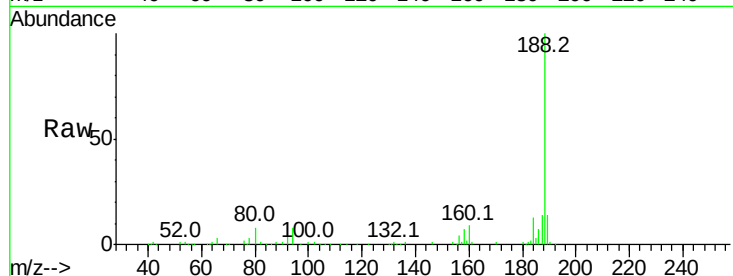




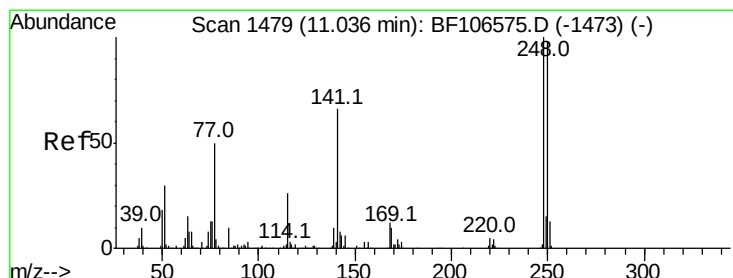
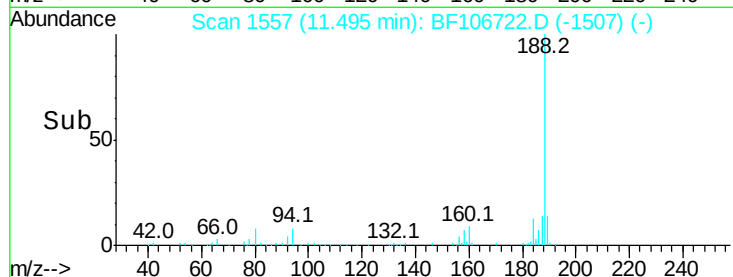
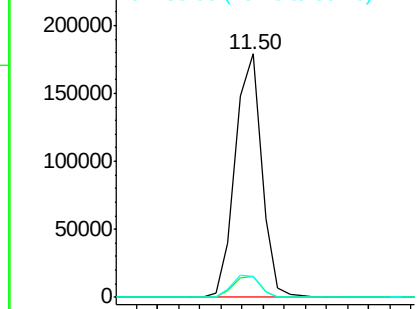
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106722.D
Acq: 22 Jun 2018 21:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 155224
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 8.5 9.2 13.8#

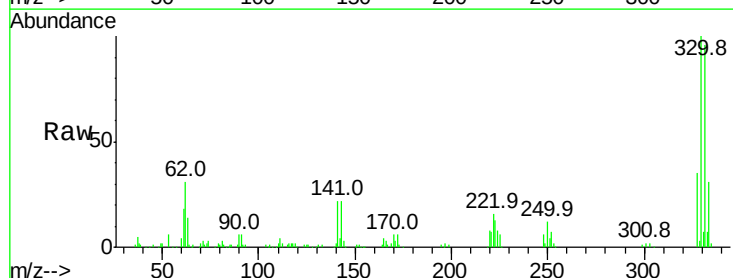


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

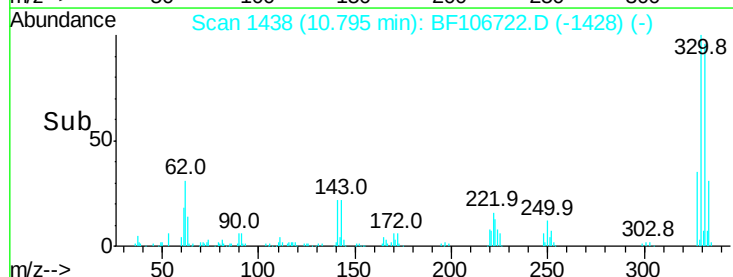
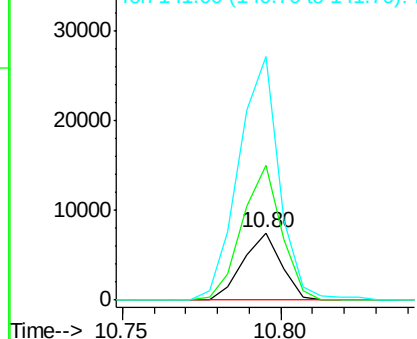


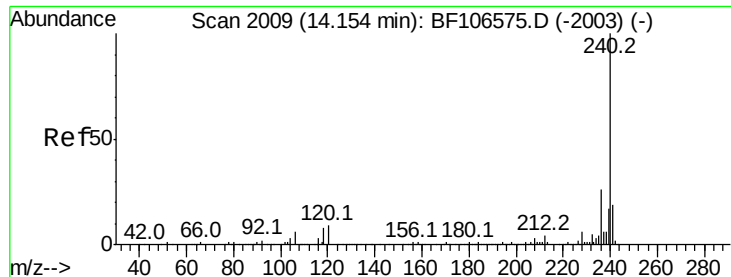
#66
4-Bromophenyl-phenylether
Concen: 3.401 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106722.D
Acq: 22 Jun 2018 21:28

Tgt Ion:248 Resp: 6300
Ion Ratio Lower Upper
248 100
250 200.3 76.9 115.3#
141 362.5 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: BF106722.D

Acq: 22 Jun 2018 21:28

Instrument :

BNA_F

ClientSampleId :

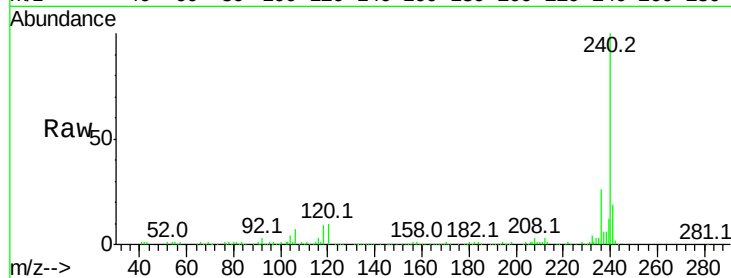
Tot Ion:240 Resp: 158808

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

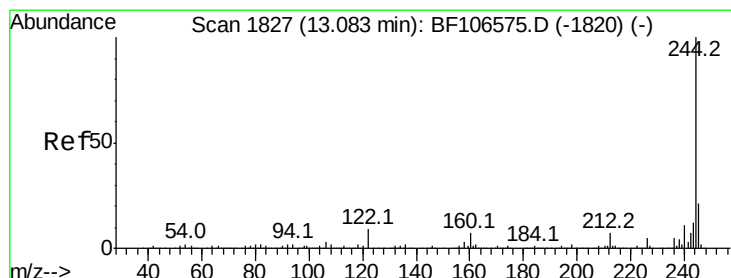
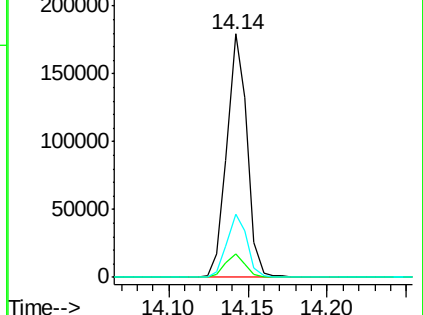
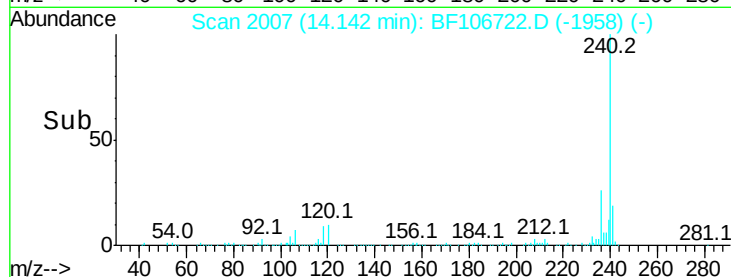
236 25.9 20.7 31.1



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: 62.198 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106722.D

Acq: 22 Jun 2018 21:28

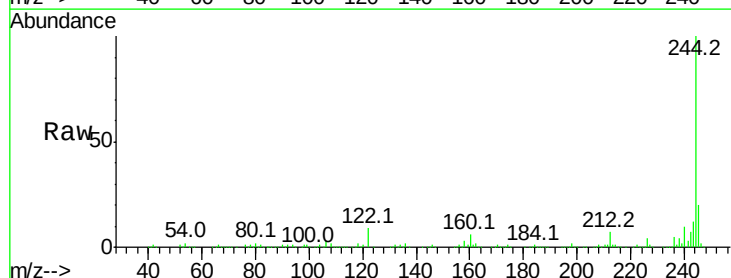
Tgt Ion:244 Resp: 407773

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

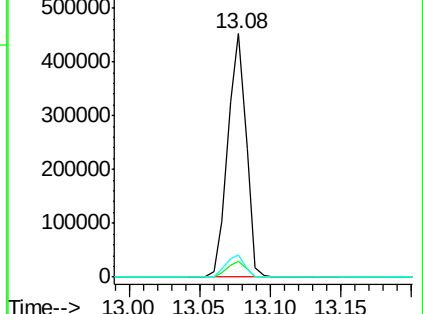
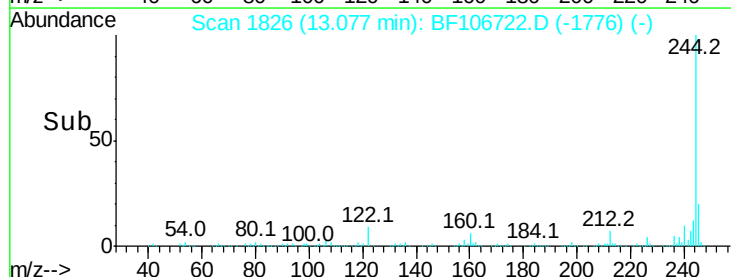
122 8.9 11.0 16.4#

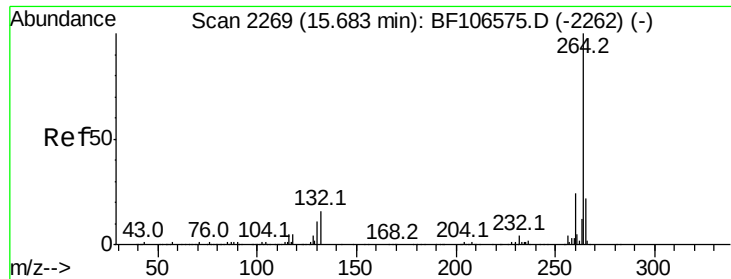


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2268
Delta R.T. -0.01 min
Lab File: BF106722.D
Acq: 22 Jun 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.9	17.5	26.3

