

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106622.D
 Acq On : 20 Jun 2018 16:29
 Operator : JU/SJ
 Sample : PB110380BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BL

Quant Time: Jun 21 01:00:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

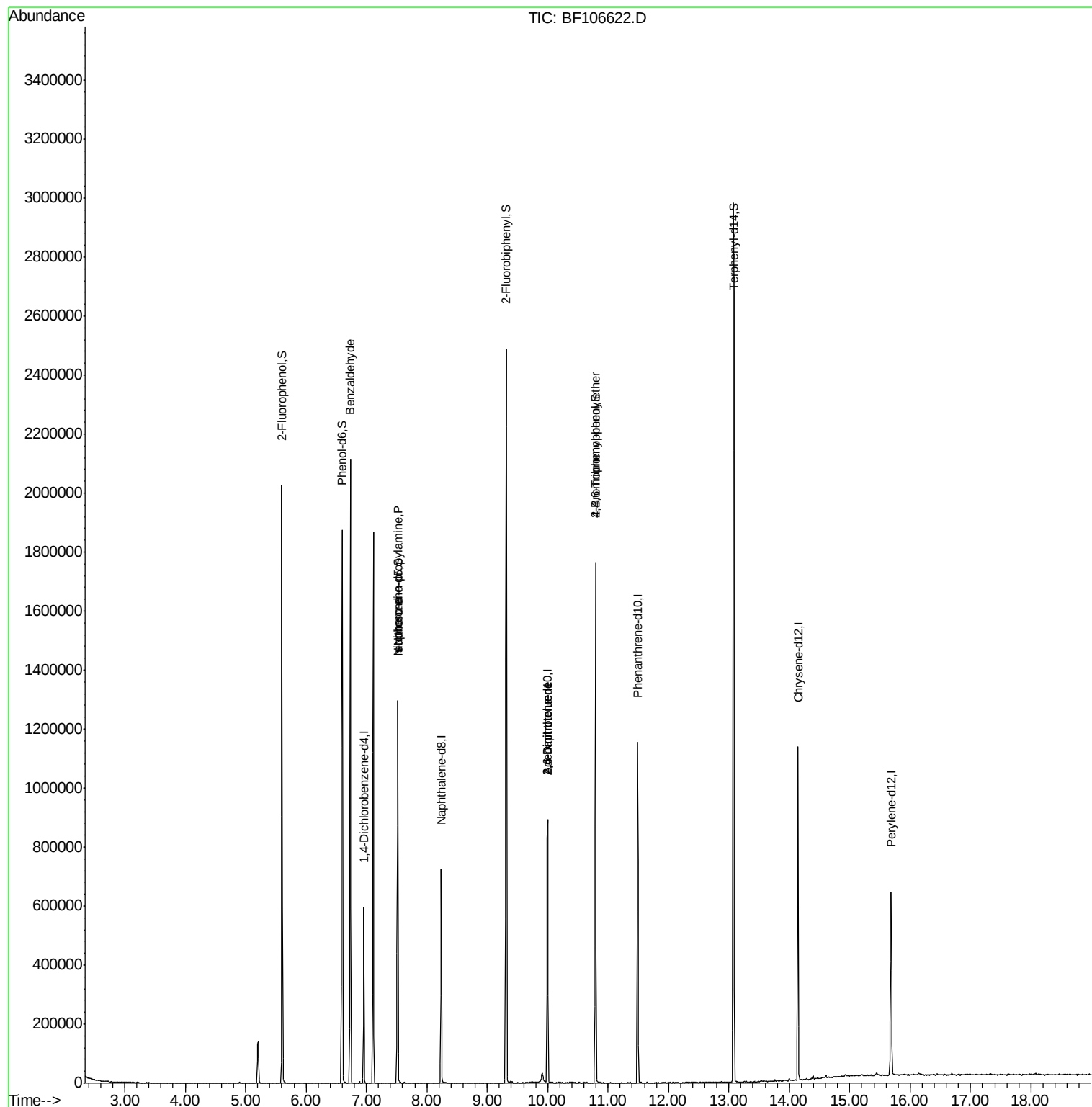
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	92218	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	359422	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	189950	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	410719	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	400426	20.00	ng	-0.01
86) Perylene-d12	15.69	264	325626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	575747	105.72	ng	0.00
7) Phenol-d6	6.60	99	716909	105.41	ng	0.00
23) Nitrobenzene-d5	7.52	82	485291	75.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	270937	123.07	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	899562	79.14	ng	-0.01
78) Terphenyl-d14	13.08	244	1263203	76.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	13542	2.365	ng	82
19) n-Nitroso-di-n-propylamine	7.52	70	63691	14.207	ng	# 74
25) Isophorone	7.52	82	485286	42.581	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	24482	8.115	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	24482	6.217	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	17442	3.558	ng	# 1

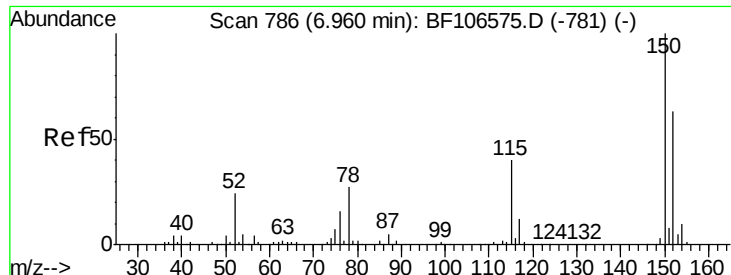
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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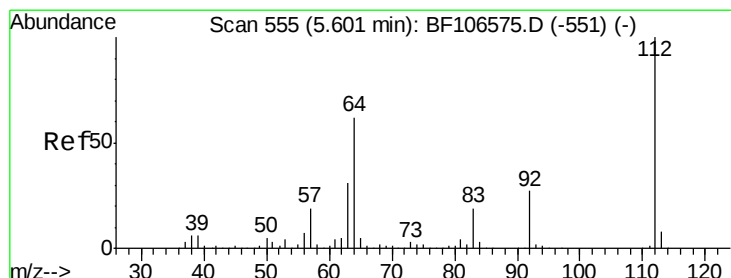
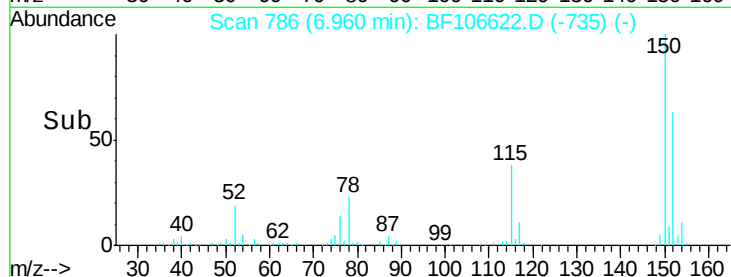
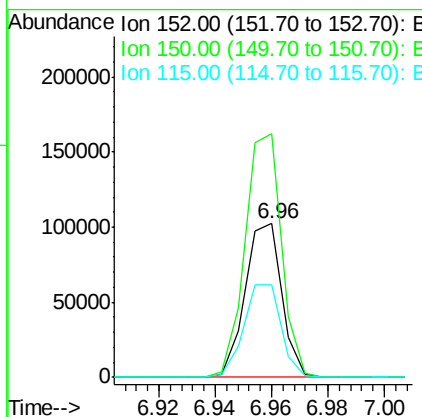
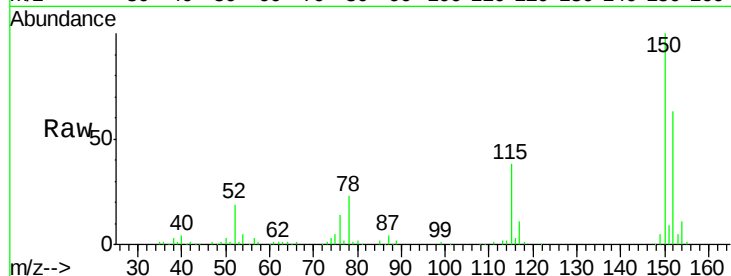




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106622.D
 Acq: 20 Jun 2018 16:29

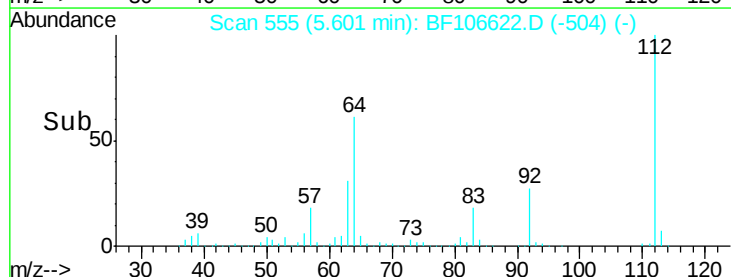
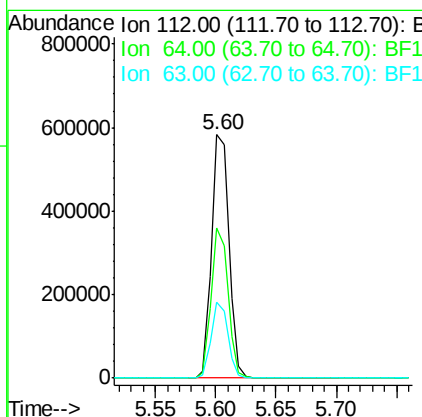
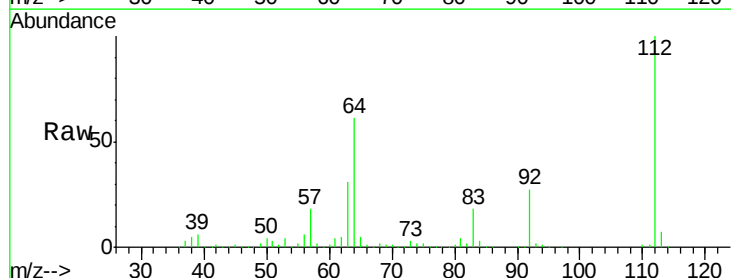
Instrument :
 BNA_F
 ClientSampleId :
 PB110380BL

Tgt Ion:152 Resp: 92218
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 60.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 105.719 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF106622.D
 Acq: 20 Jun 2018 16:29

Tgt Ion:112 Resp: 575747
 Ion Ratio Lower Upper
 112 100
 64 61.5 47.9 71.9
 63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 105.412 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106622.D

Acq: 20 Jun 2018 16:29

Instrument :

BNA_F

ClientSampleId :

PB110380BL

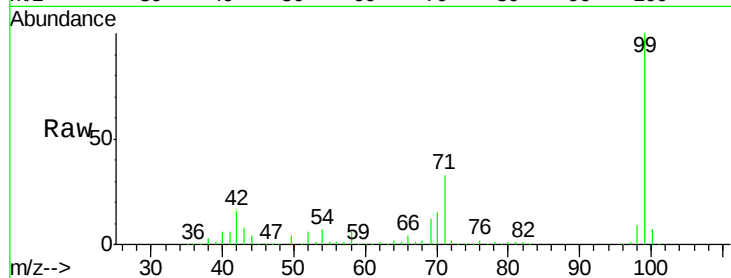
Tgt Ion: 99 Resp: 716909

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

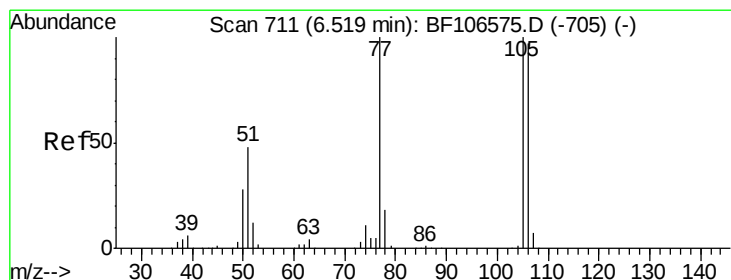
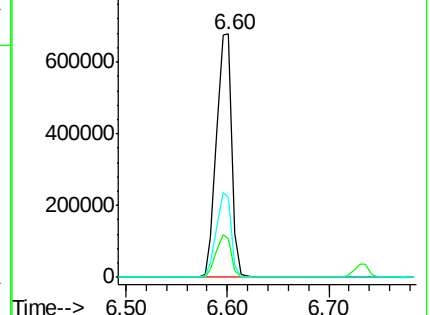
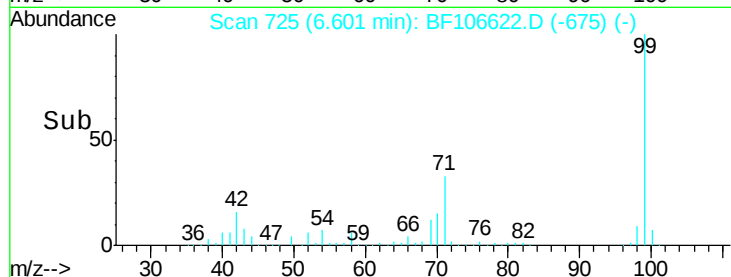
71 32.9 25.4 38.0



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: 2.365 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106622.D

Acq: 20 Jun 2018 16:29

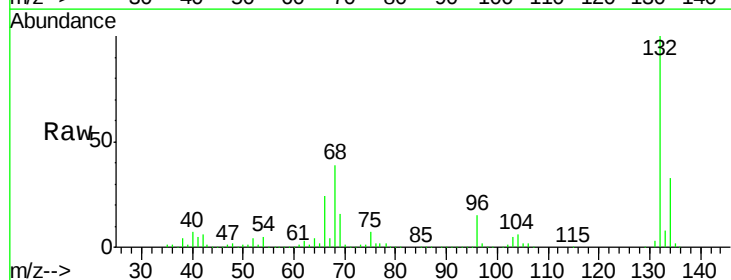
Tgt Ion: 77 Resp: 13542

Ion Ratio Lower Upper

77 100

105 81.9 81.1 121.1

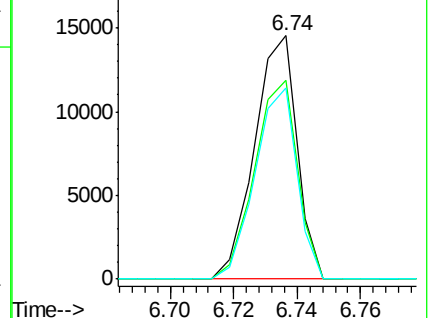
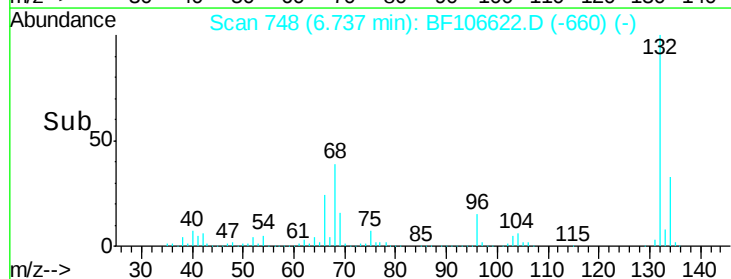
106 78.5 74.5 114.5

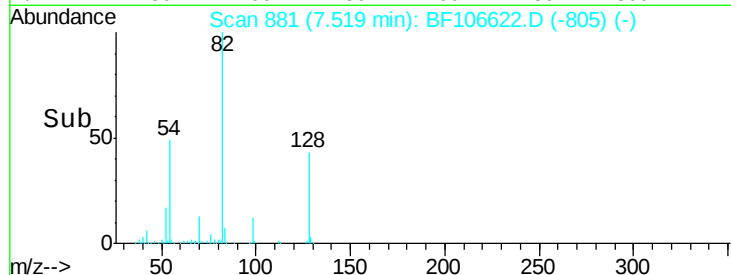
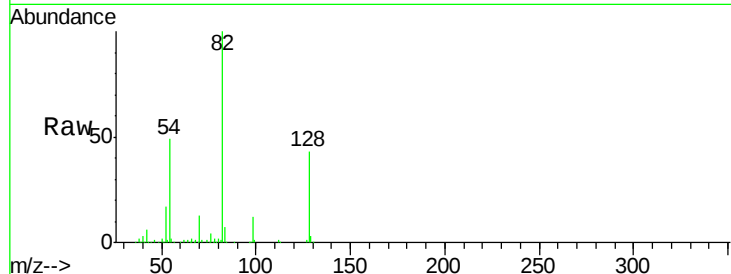


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

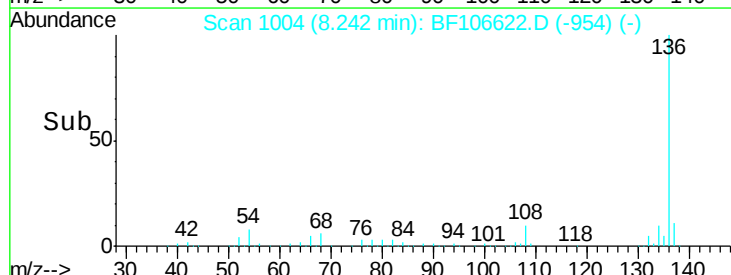
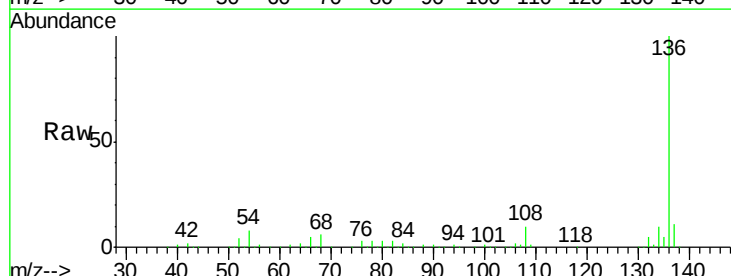
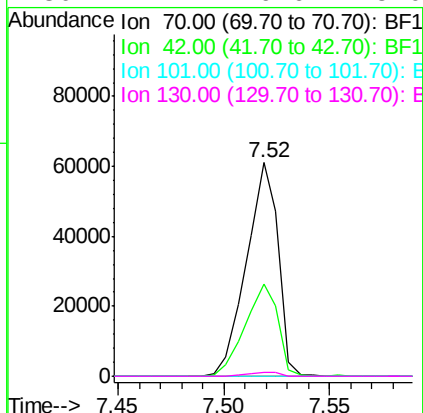




#19
n-Nitroso-di-n-propylamine
Concen: 14.207 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.15 min
Lab File: BF106622.D
Acq: 20 Jun 2018 16:29

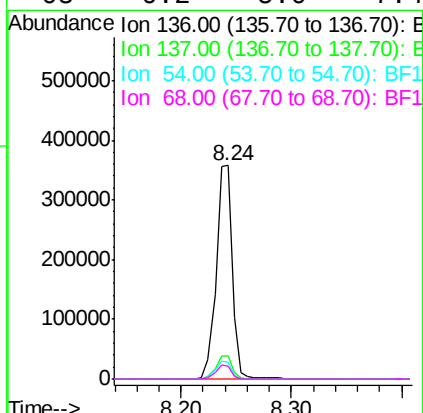
Instrument :
BNA_F
ClientSampleId :
PB110380BL

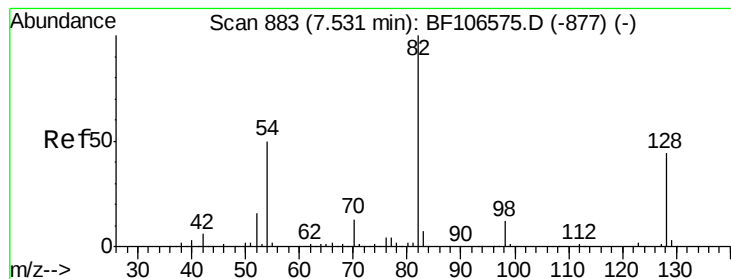
Tgt Ion:	70	Resp:	63691
Ion	Ratio	Lower	Upper
70	100		
42	43.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106622.D
Acq: 20 Jun 2018 16:29

Tgt Ion:	136	Resp:	359422
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.6	6.6	9.8
68	6.2	5.0	7.4





#23

Nitrobenzene-d5

Concen: 75.035 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF106622.D

Acq: 20 Jun 2018 16:29

Instrument :

BNA_F

ClientSampleId :

PB110380BL

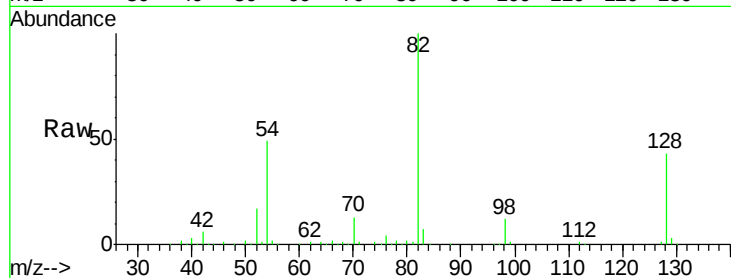
Tgt Ion: 82 Resp: 485291

Ion Ratio Lower Upper

82 100

128 42.6 36.1 54.1

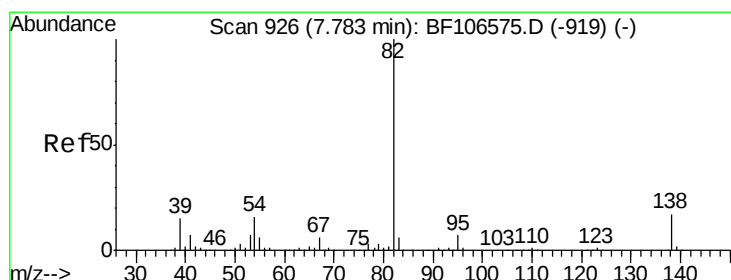
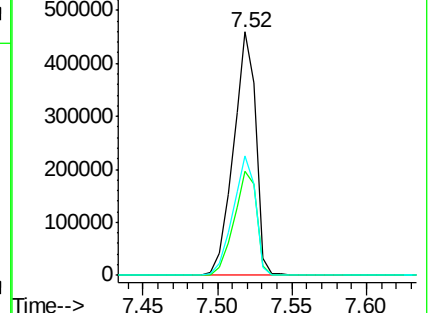
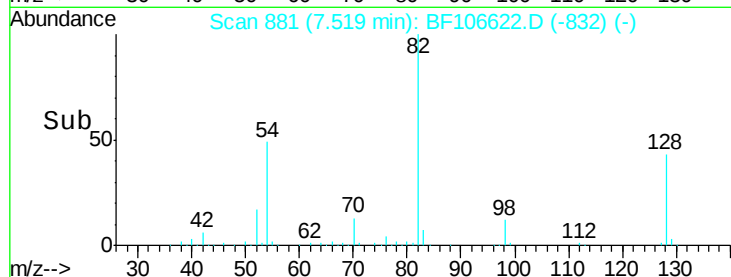
54 49.1 41.4 62.2



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: 42.581 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF106622.D

Acq: 20 Jun 2018 16:29

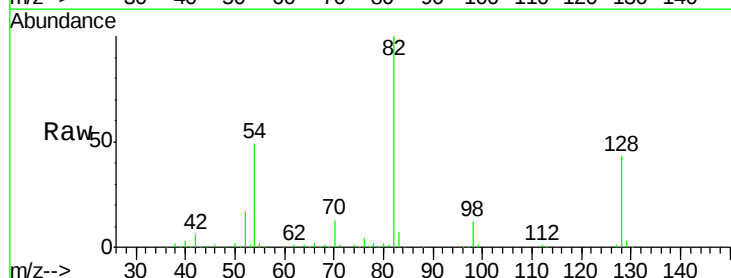
Tgt Ion: 82 Resp: 485286

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

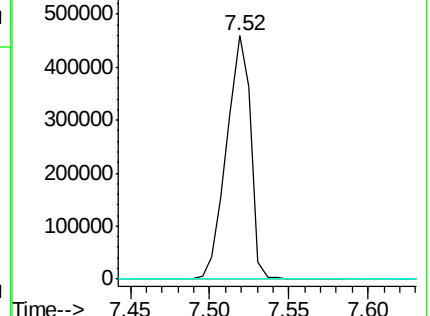
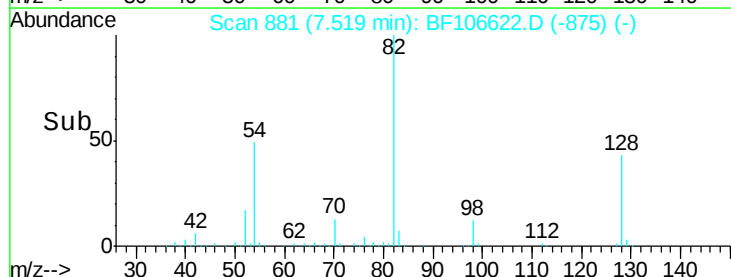
138 0.0 14.9 22.3#

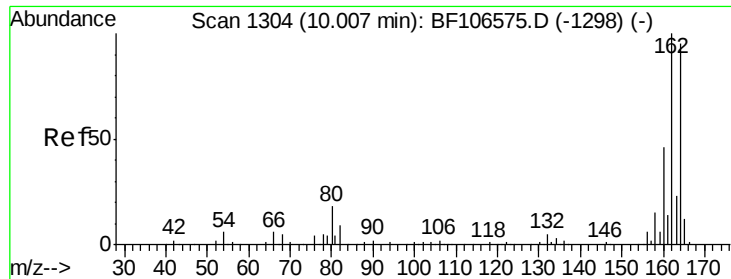


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF106622.D

Acq: 20 Jun 2018 16:29

Instrument :

BNA_F

ClientSampleId :

PB110380BL

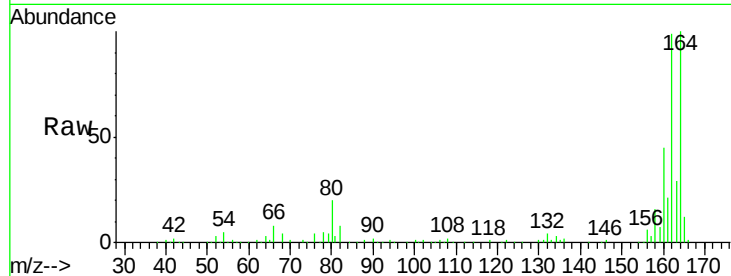
Tgt Ion:164 Resp: 189950

Ion Ratio Lower Upper

164 100

162 98.7 86.1 129.1

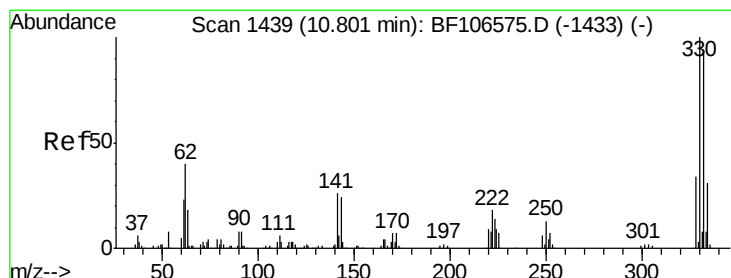
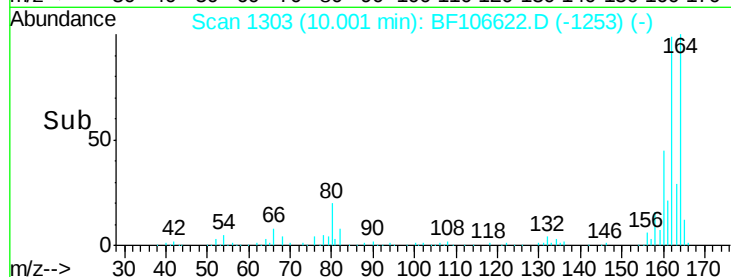
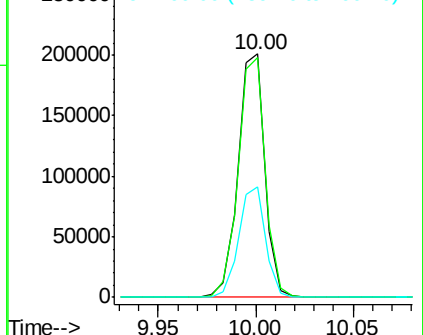
160 45.2 38.3 57.5



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: 123.065 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106622.D

Acq: 20 Jun 2018 16:29

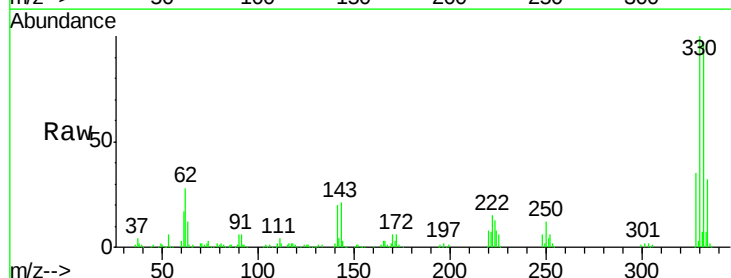
Tgt Ion:330 Resp: 270937

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

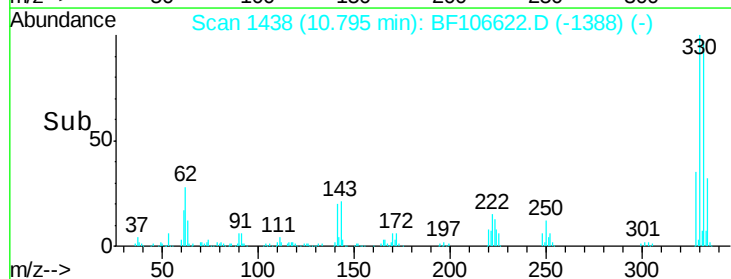
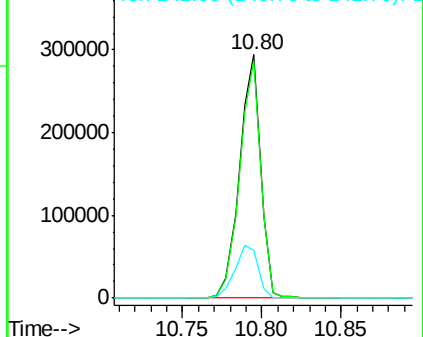
141 24.1 29.9 44.9#

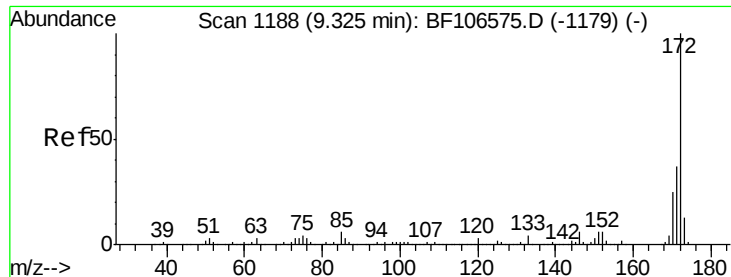


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

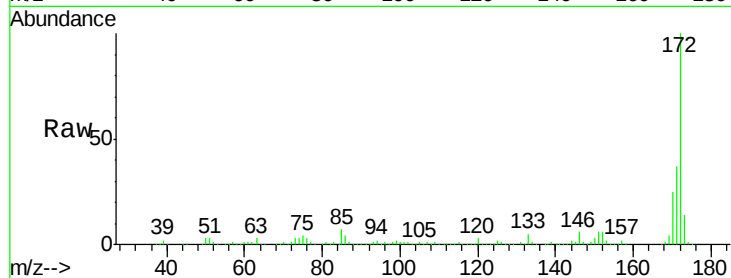




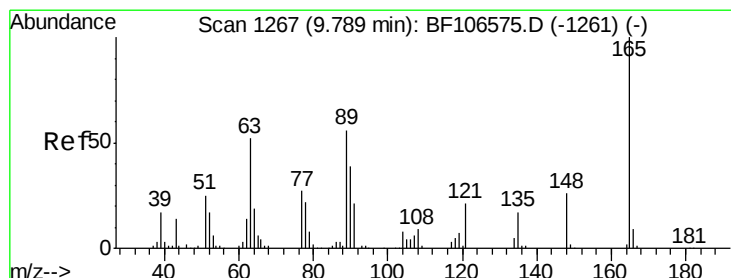
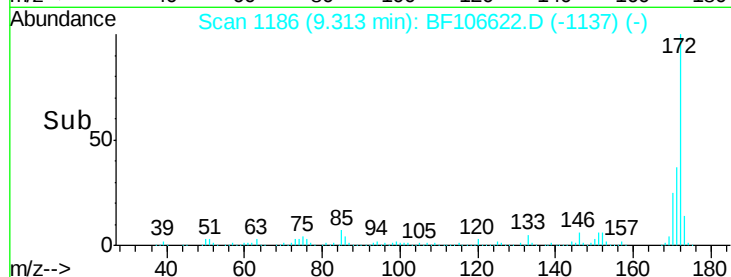
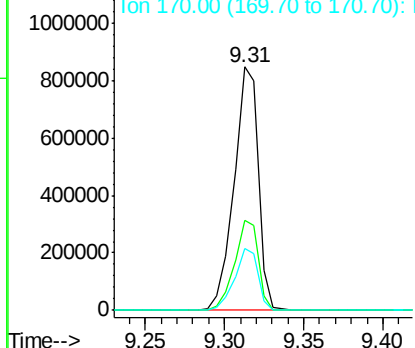
#44
 2-Fluorobiphenyl
 Concen: 79.143 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106622.D
 Acq: 20 Jun 2018 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BL

Tgt Ion:172 Resp: 899562
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 25.3 19.6 29.4

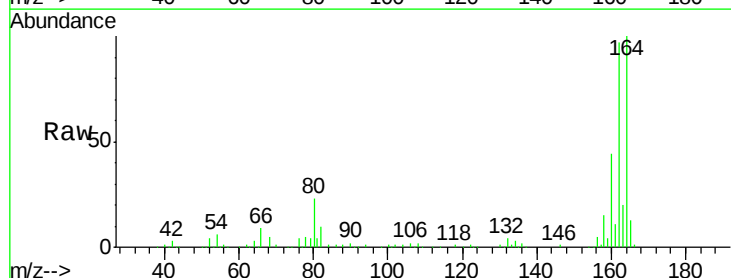


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

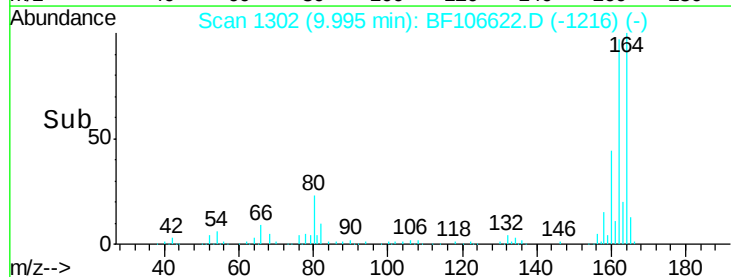
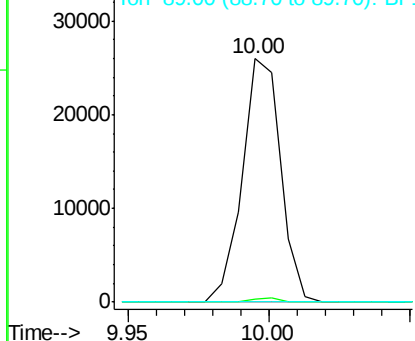


#50
 2,6-Dinitrotoluene
 Concen: 8.115 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.21 min
 Lab File: BF106622.D
 Acq: 20 Jun 2018 16:29

Tgt Ion:165 Resp: 24482
 Ion Ratio Lower Upper
 165 100
 63 1.2 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

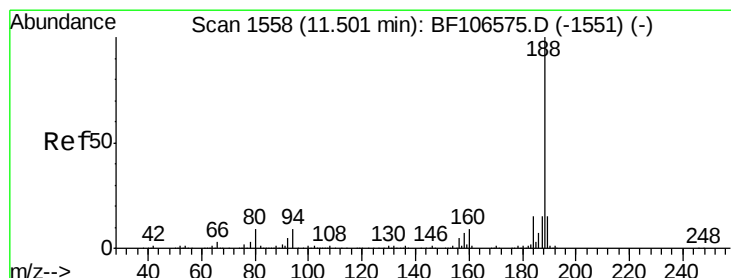
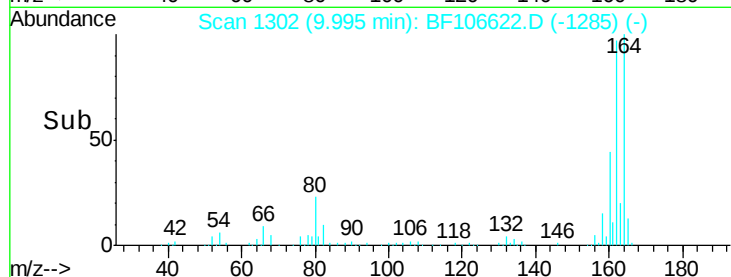
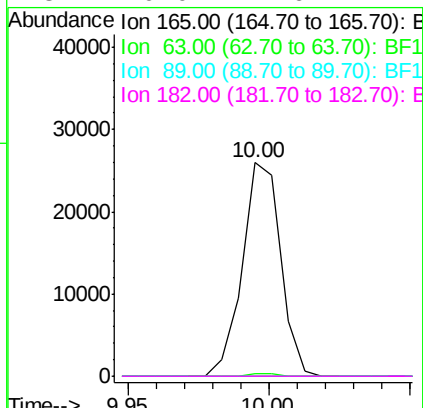
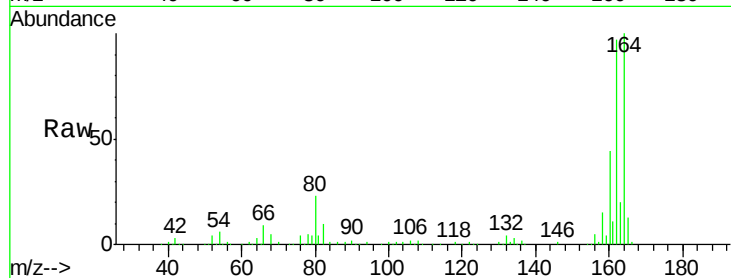




#56
2,4-Dinitrotoluene
Concen: 6.217 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.20 min
Lab File: BF106622.D
Acq: 20 Jun 2018 16:29

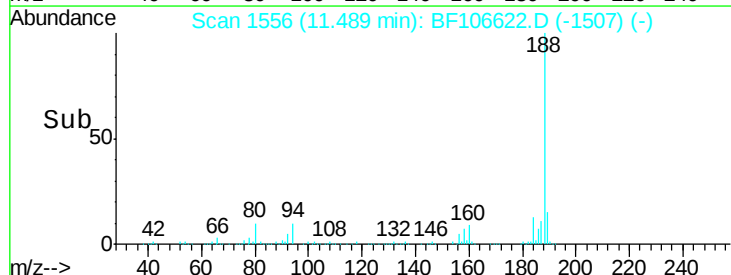
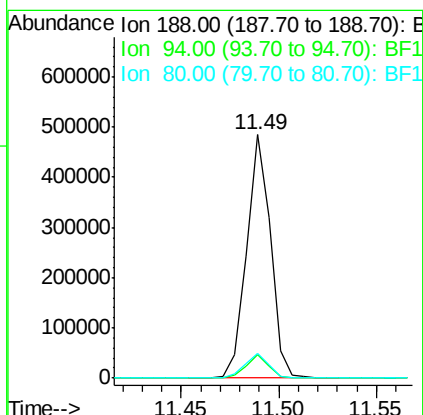
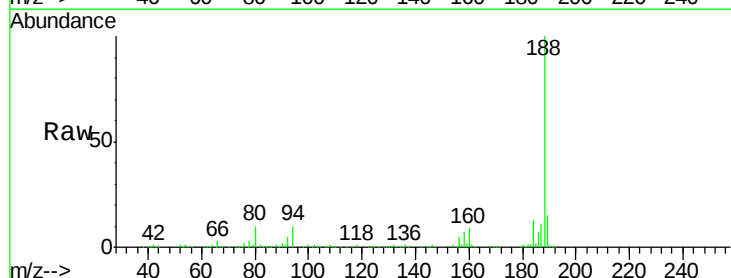
Instrument :
BNA_F
ClientSampleId :
PB110380BL

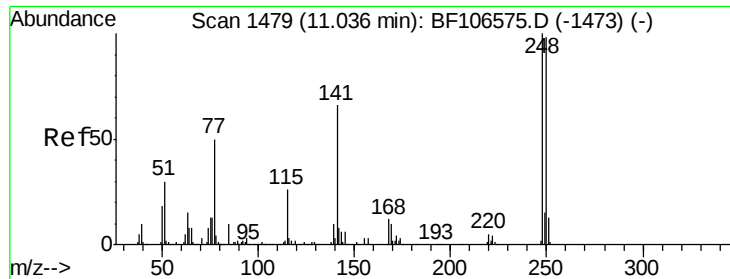
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106622.D
Acq: 20 Jun 2018 16:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.0	9.2	13.8

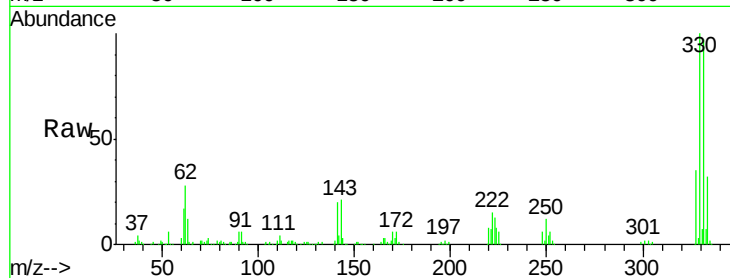




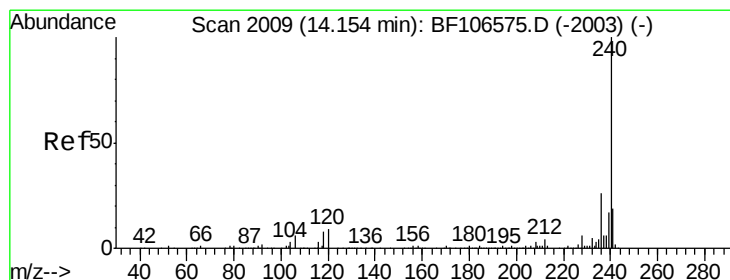
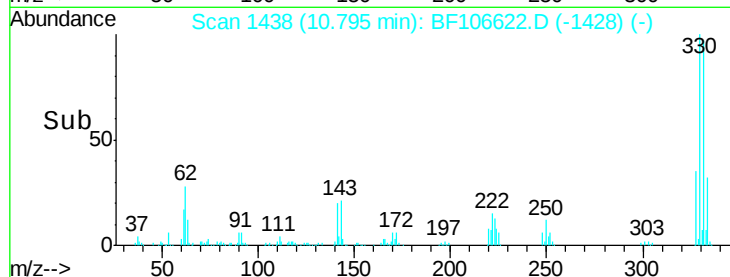
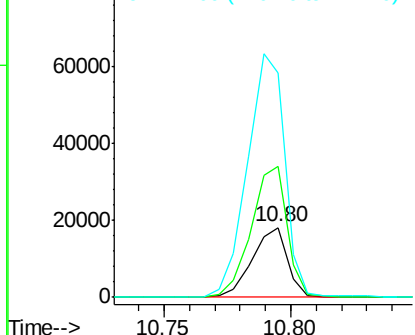
#66
4-Bromophenyl-phenylether
Concen: 3.558 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106622.D
Acq: 20 Jun 2018 16:29

Instrument :
BNA_F
ClientSampleId :
PB110380BL

Tgt Ion:248 Resp: 17442
Ion Ratio Lower Upper
248 100
250 188.4 76.9 115.3#
141 321.4 74.4 111.6#

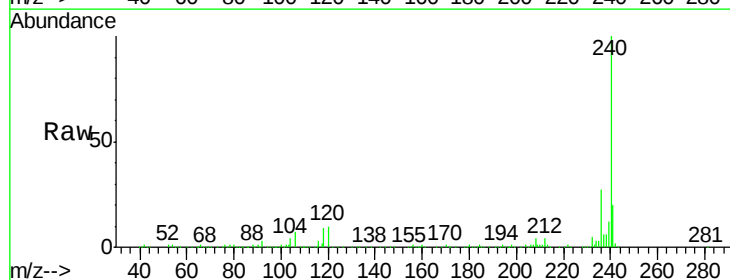


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

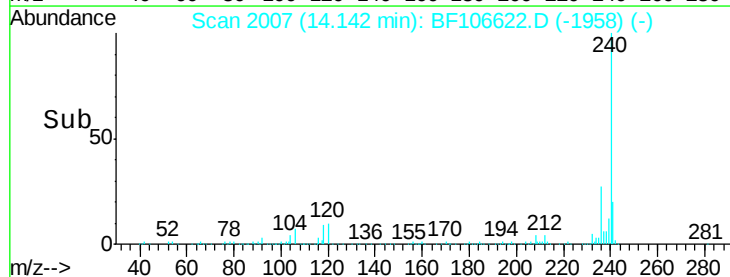
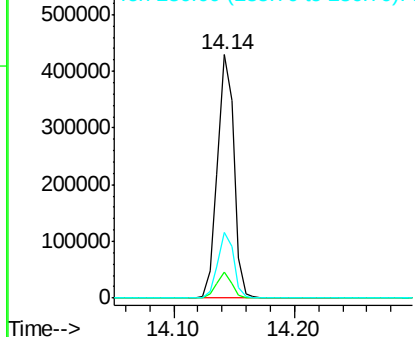


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106622.D
Acq: 20 Jun 2018 16:29

Tgt Ion:240 Resp: 400426
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 26.8 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

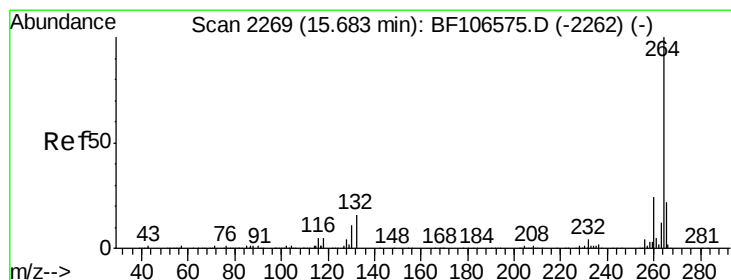
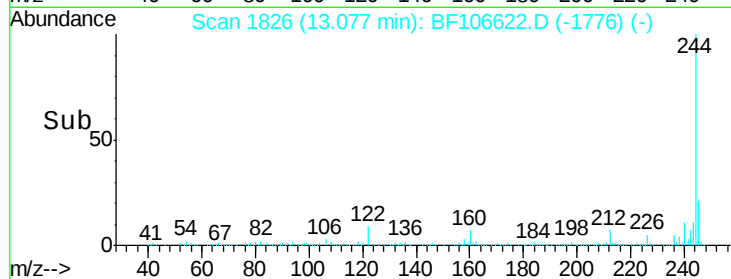
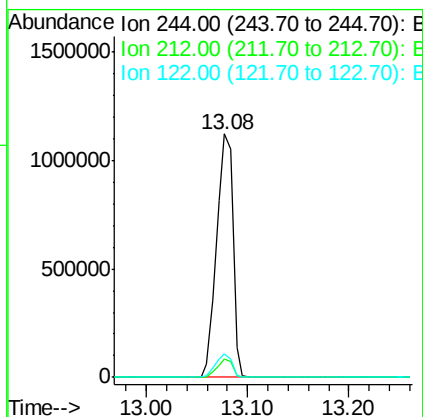
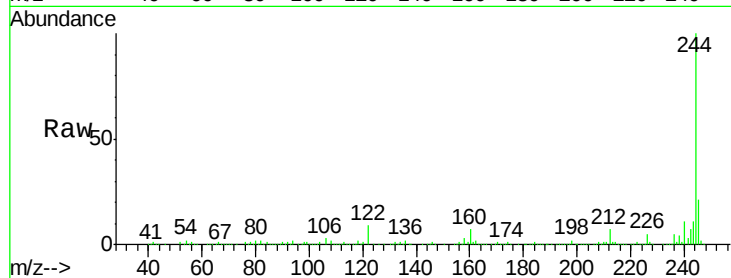




#78
 Terphenyl-d14
 Concen: 76.415 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106622.D
 Acq: 20 Jun 2018 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BL

Tgt Ion:244 Resp: 1263203
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 9.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF106622.D
 Acq: 20 Jun 2018 16:29

Tgt Ion:264 Resp: 325626
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.6 17.5 26.3

