

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106606.D
 Acq On : 20 Jun 2018 2:02
 Operator : JU/SJ
 Sample : J3528-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-FIELD-BLANK

Quant Time: Jun 20 04:47:53 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

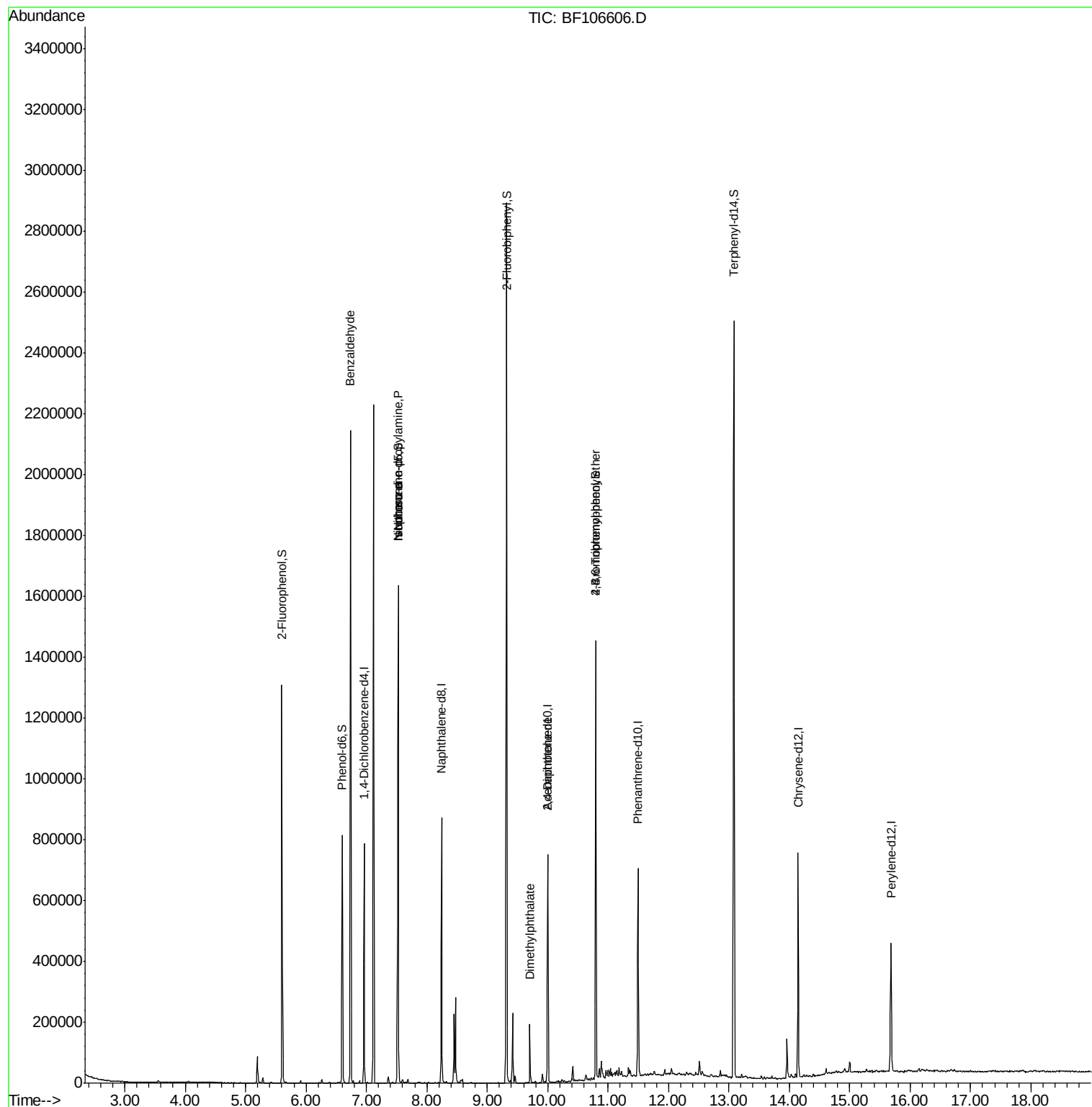
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	103068	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	363960	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	143443	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	232773	20.00	ng	0.00
75) Chrysene-d12	14.15	240	262530	20.00	ng	0.00
86) Perylene-d12	15.68	264	204925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	350446	57.58	ng	0.00
7) Phenol-d6	6.60	99	266332	35.04	ng	-0.01
23) Nitrobenzene-d5	7.52	82	603507	92.15	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	192922	116.04	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	949105	117.66	ng	0.00
78) Terphenyl-d14	13.08	244	906841	83.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	13779	2.159	ng	82
19) n-Nitroso-di-n-propylamine	7.52	70	79217	15.810	ng	# 73
25) Isophorone	7.52	82	603499	52.294	ng	# 64
49) Dimethylphthalate	9.71	163	71442	6.641	ng	99
56) 2,4-Dinitrotoluene	10.00	165	18233	6.132	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	13000	4.680	ng	# 1

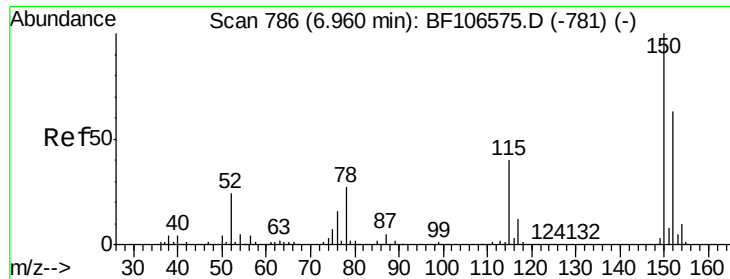
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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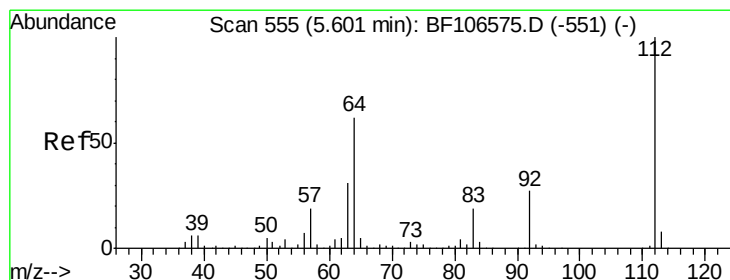
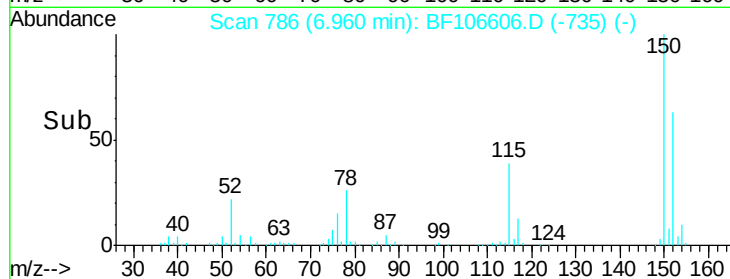
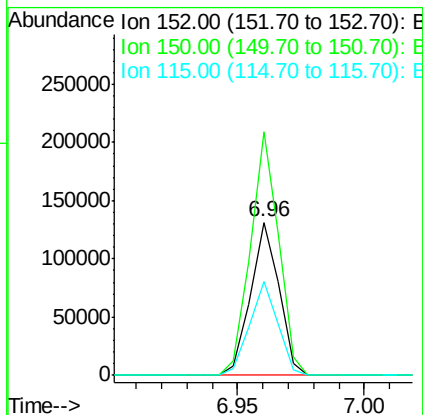
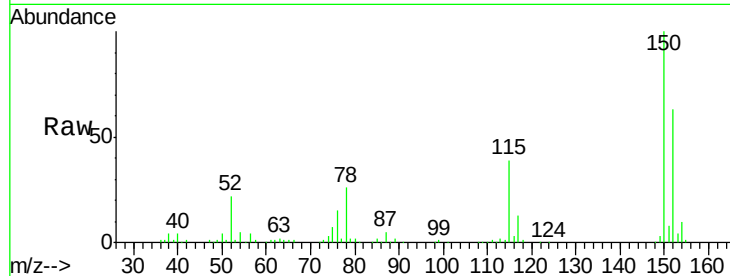


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106606.D
Acq: 20 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
GW-FIELD-BLANK

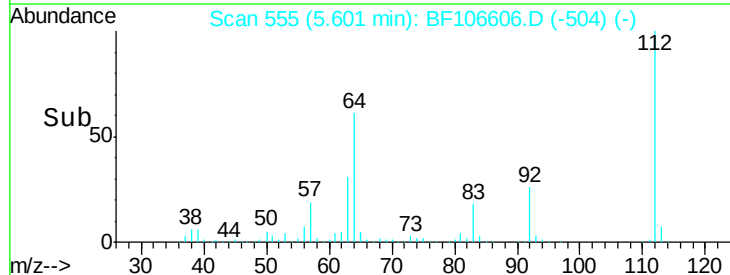
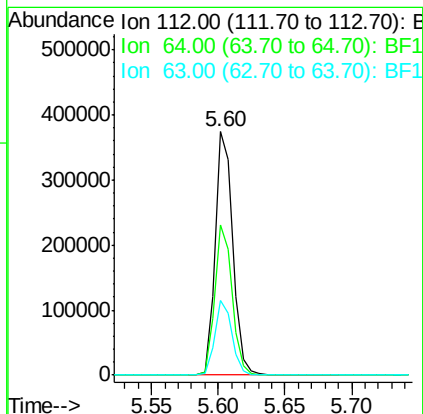
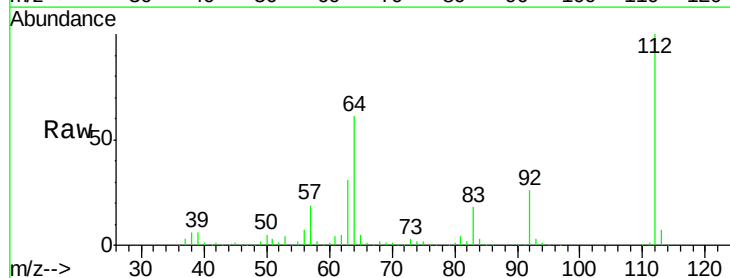
Tgt Ion:152 Resp: 103068
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 61.4 50.1 75.1

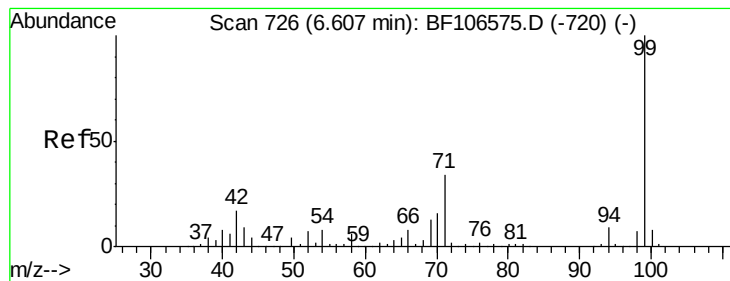


#5

2-Fluorophenol
Concen: 57.575 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106606.D
Acq: 20 Jun 2018 2:02

Tgt Ion:112 Resp: 350446
Ion Ratio Lower Upper
112 100
64 61.4 47.9 71.9
63 30.7 23.7 35.5





#7

Phenol-d6

Concen: 35.038 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106606.D

Acq: 20 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

GW-FIELD-BLANK

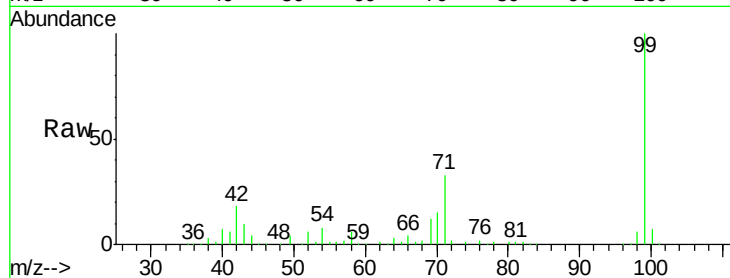
Tgt Ion: 99 Resp: 266332

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

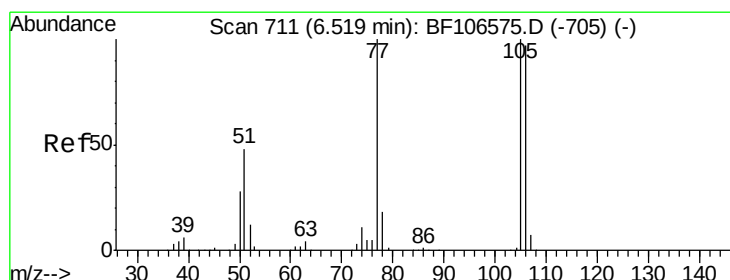
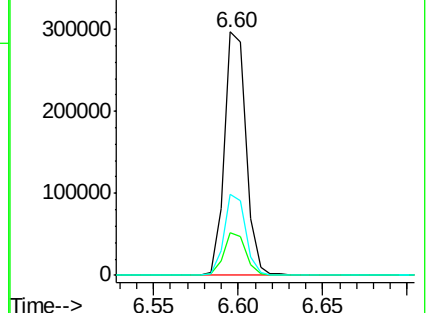
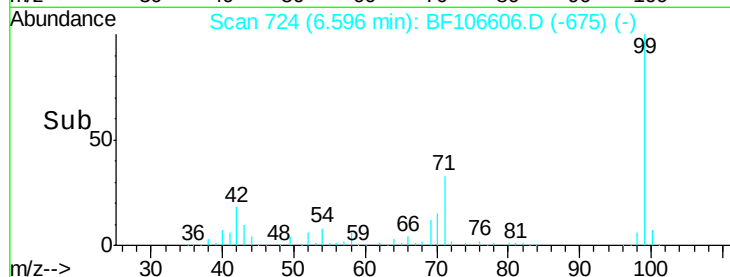
71 33.2 25.4 38.0



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: 2.159 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106606.D

Acq: 20 Jun 2018 2:02

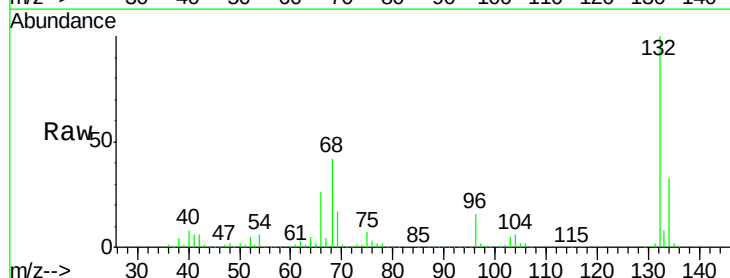
Tgt Ion: 77 Resp: 13779

Ion Ratio Lower Upper

77 100

105 83.7 81.1 121.1

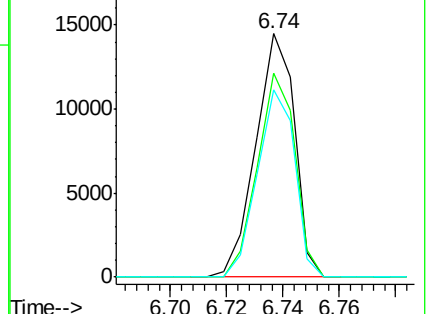
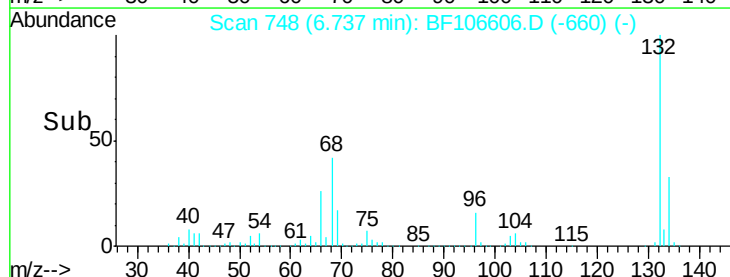
106 76.9 74.5 114.5

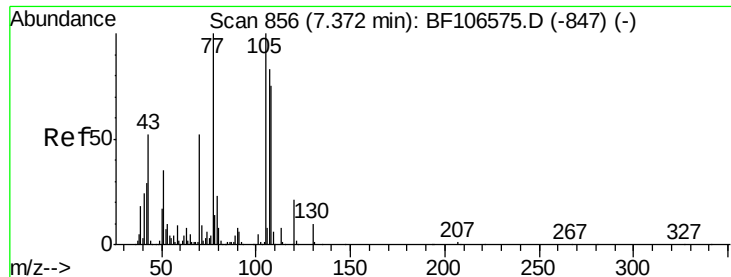


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

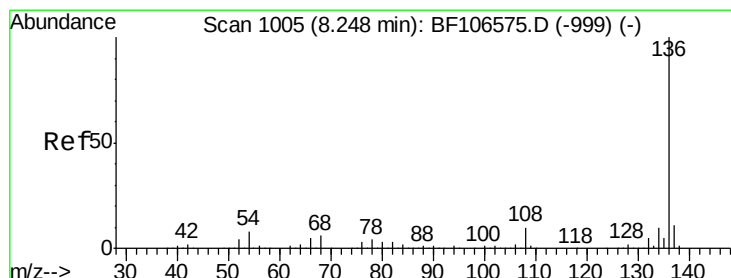
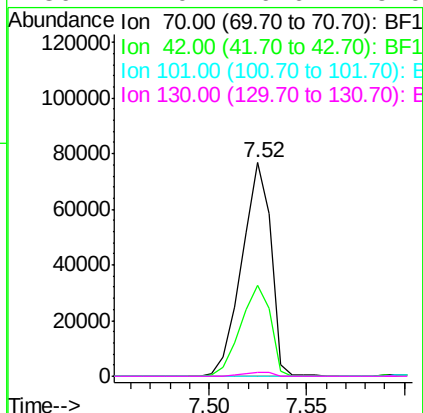
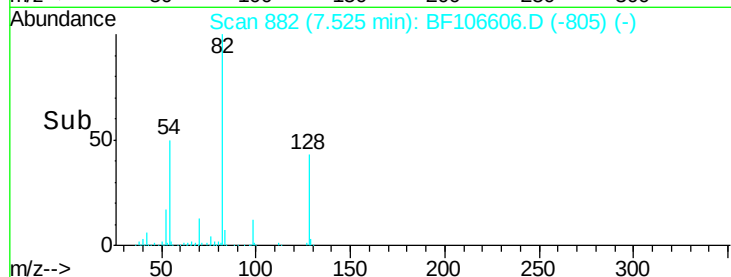
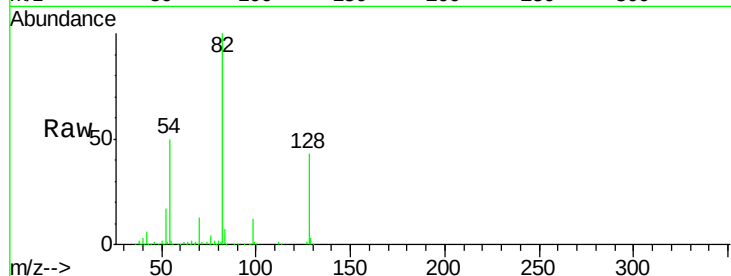




#19
n-Nitroso-di-n-propylamine
Concen: 15.810 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106606.D
Acq: 20 Jun 2018 2:02

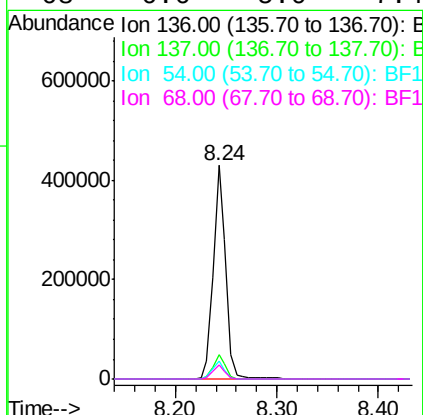
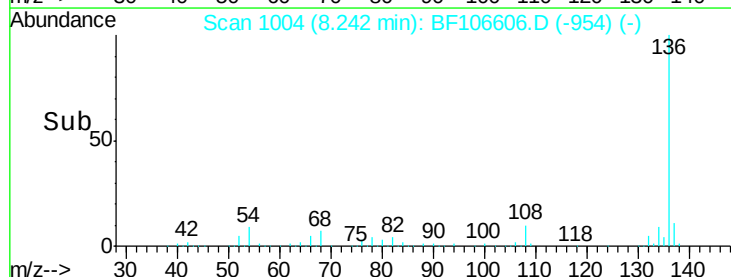
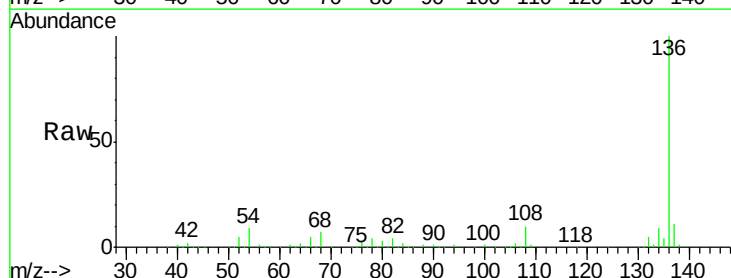
Instrument :
BNA_F
ClientSampleId :
GW-FIELD-BLANK

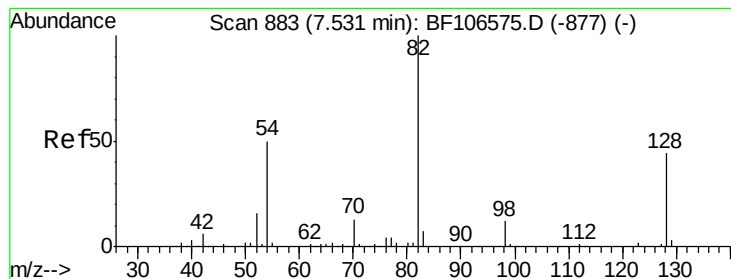
Tgt Ion: 70 Resp: 79217
Ion Ratio Lower Upper
70 100
42 42.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106606.D
Acq: 20 Jun 2018 2:02

Tgt Ion: 136 Resp: 363960
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.7 6.6 9.8
68 6.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 92.150 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106606.D

Acq: 20 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

GW-FIELD-BLANK

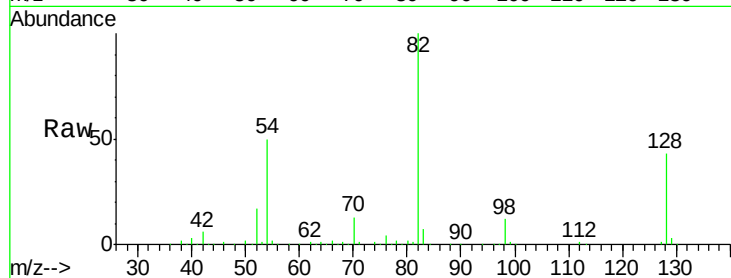
Tgt Ion: 82 Resp: 603507

Ion Ratio Lower Upper

82 100

128 43.4 36.1 54.1

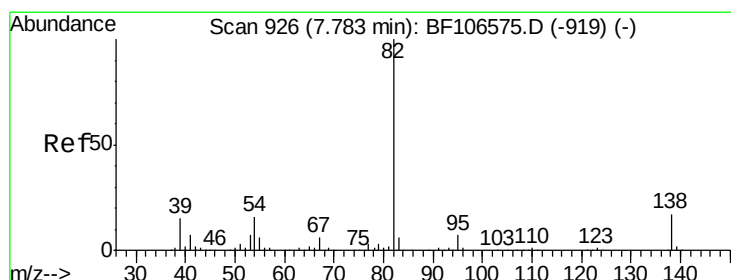
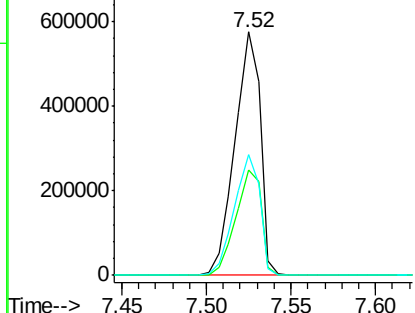
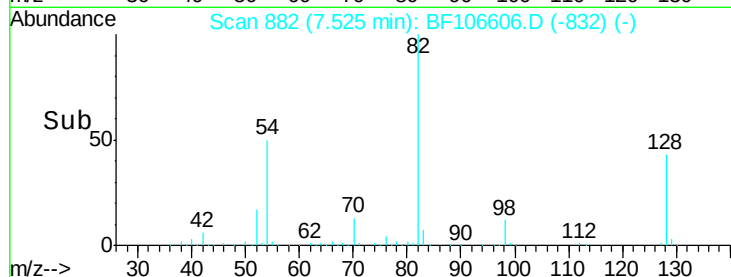
54 49.7 41.4 62.2



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: 52.294 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106606.D

Acq: 20 Jun 2018 2:02

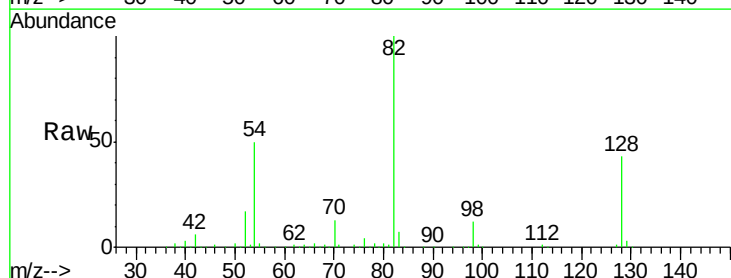
Tgt Ion: 82 Resp: 603499

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

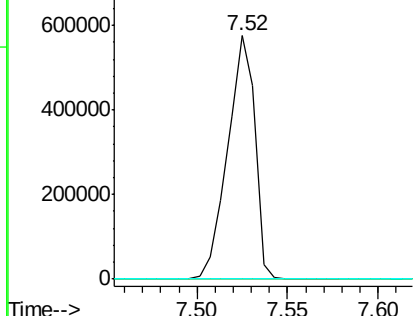
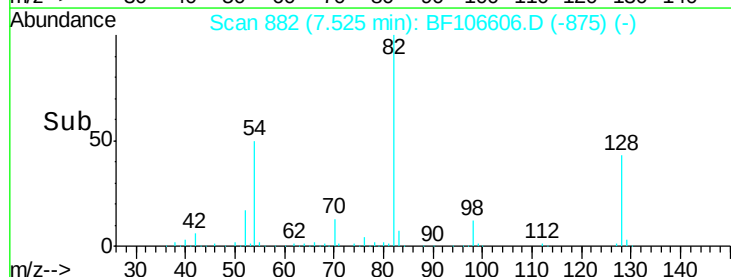
138 0.0 14.9 22.3#

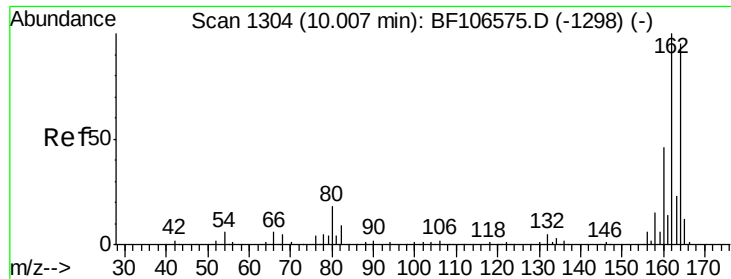


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF106606.D

Acq: 20 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

GW-FIELD-BLANK

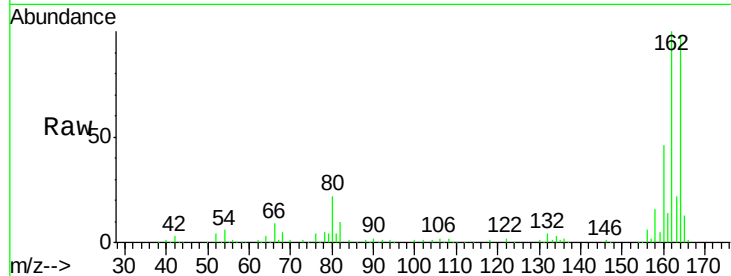
Tgt Ion:164 Resp: 143443

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

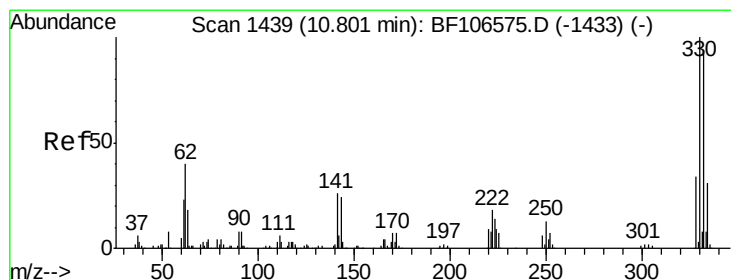
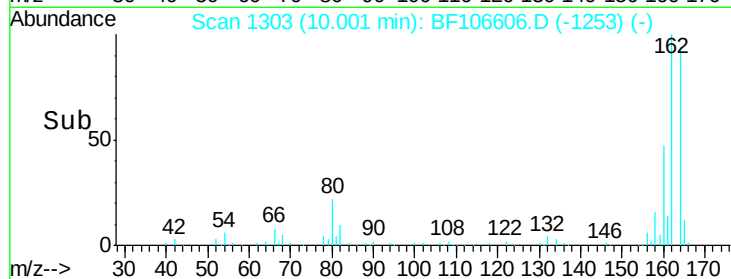
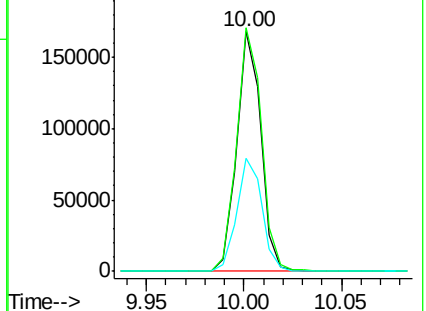
160 47.2 38.3 57.5



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: 116.040 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106606.D

Acq: 20 Jun 2018 2:02

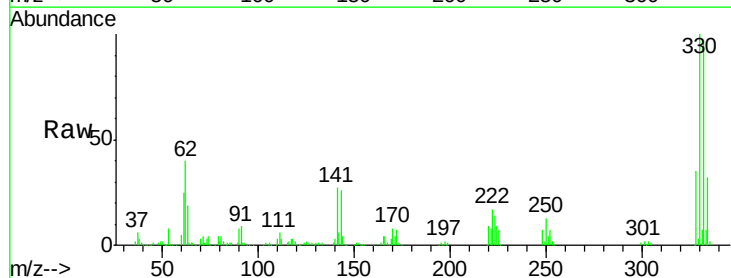
Tgt Ion:330 Resp: 192922

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

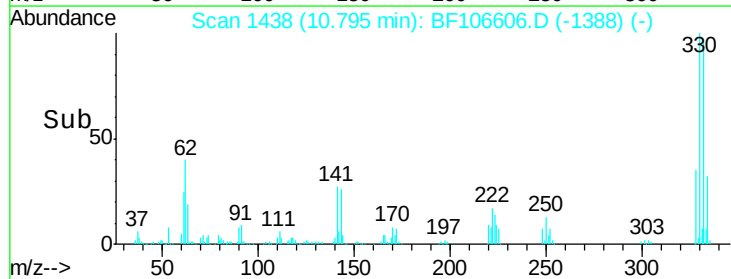
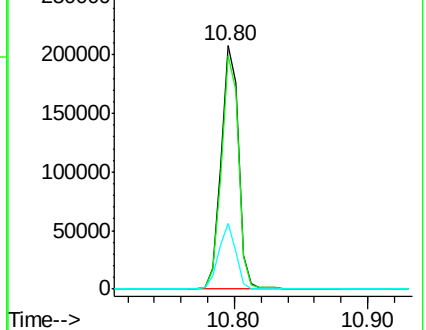
141 26.6 29.9 44.9#

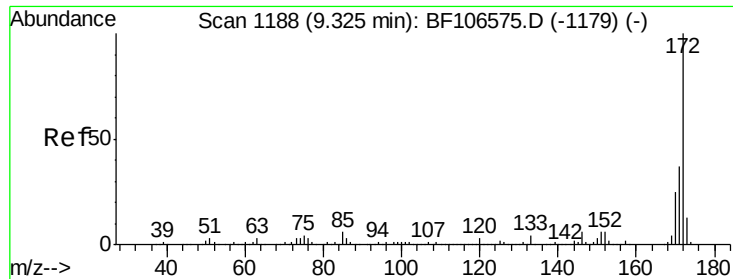


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

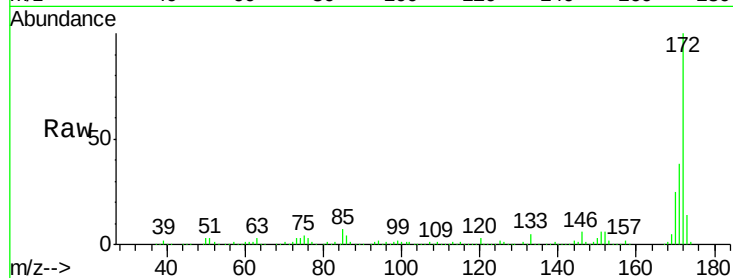




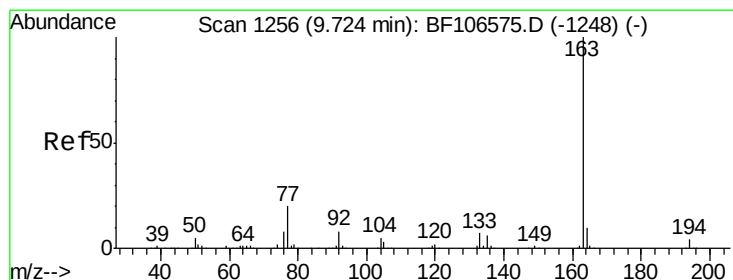
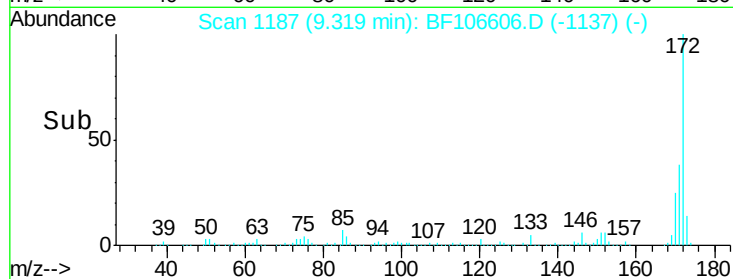
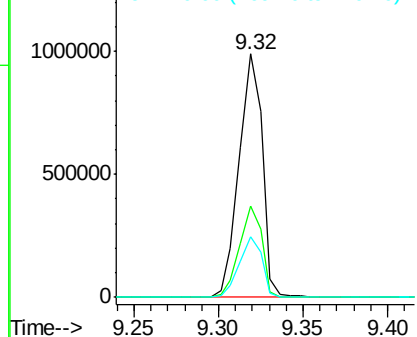
#44
 2-Fluorobiphenyl
 Concen: 117.663 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106606.D
 Acq: 20 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 GW-FIELD-BLANK

Tgt Ion:172 Resp: 949105
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.7 44.5
 170 24.9 19.6 29.4

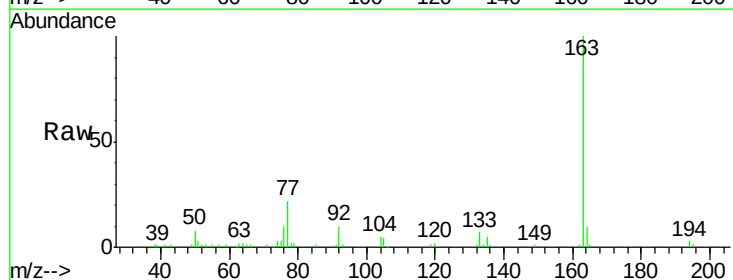


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

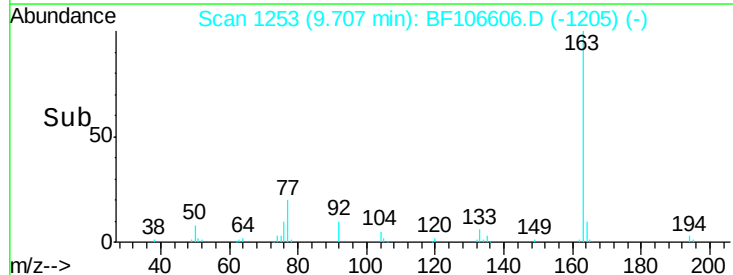
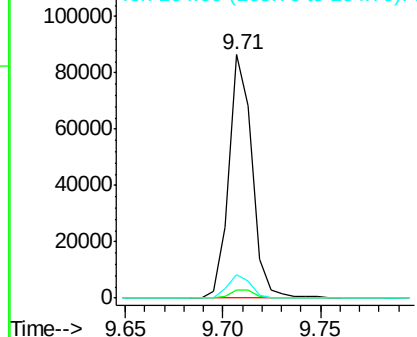


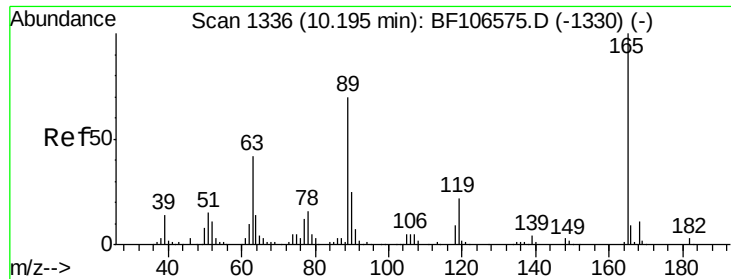
#49
 Dimethylphthalate
 Concen: 6.641 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106606.D
 Acq: 20 Jun 2018 2:02

Tgt Ion:163 Resp: 71442
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 9.5 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

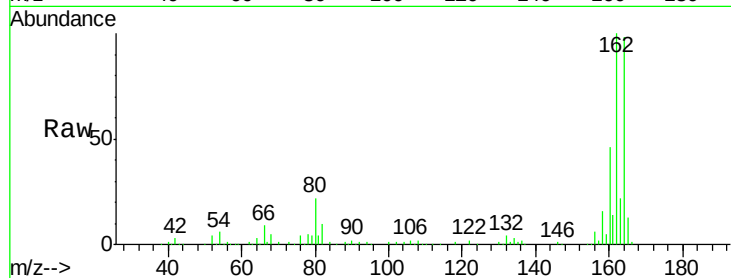




#56
2,4-Dinitrotoluene
Concen: 6.132 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106606.D
Acq: 20 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
GW-FIELD-BLANK

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

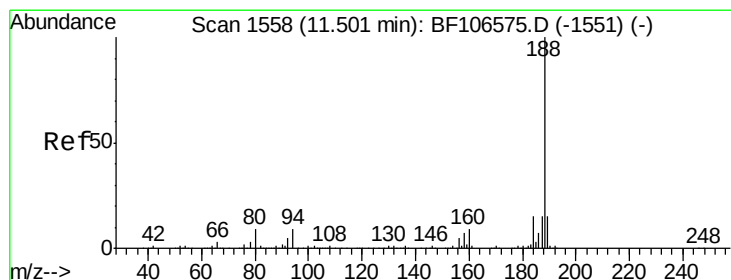
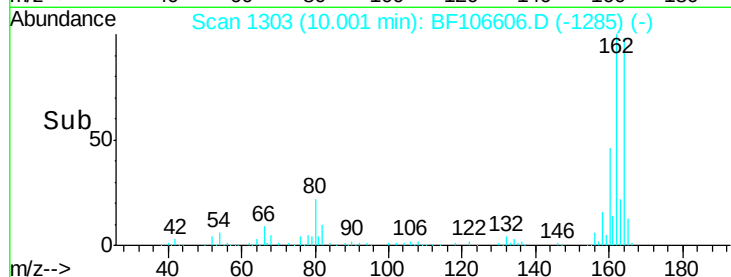
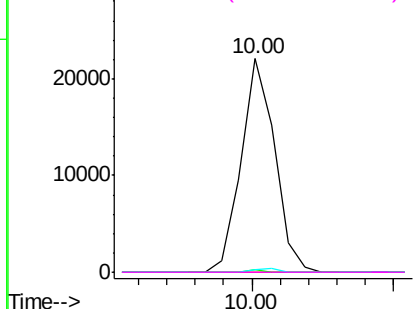


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

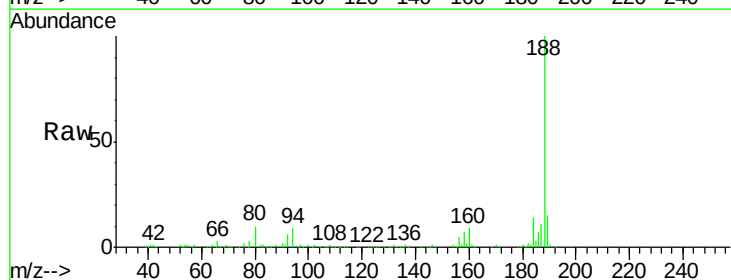
Ion 89.00 (88.70 to 89.70): BF1

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: BF106606.D
Acq: 20 Jun 2018 2:02

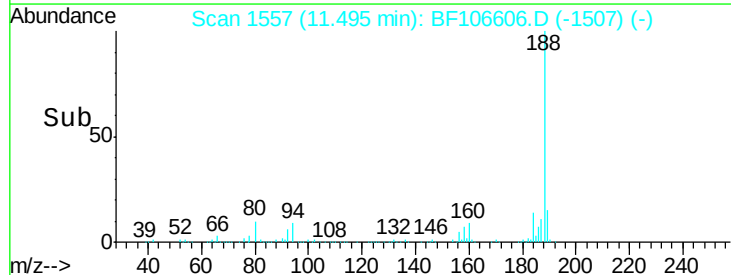
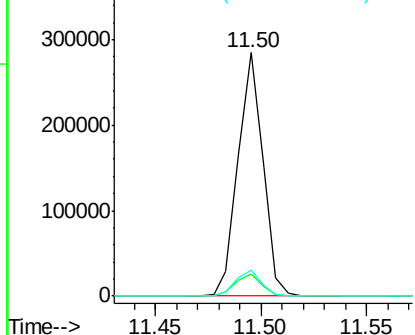
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.4	9.2	13.8

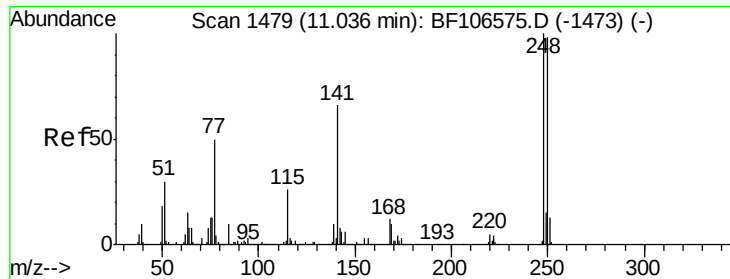


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

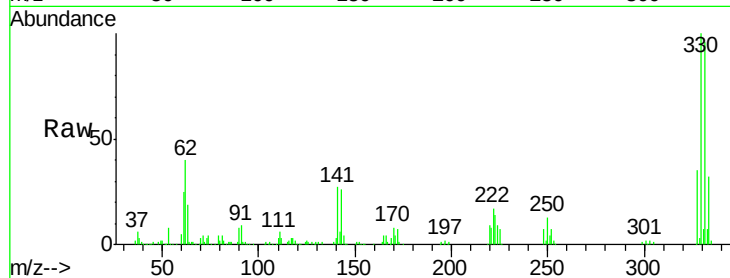




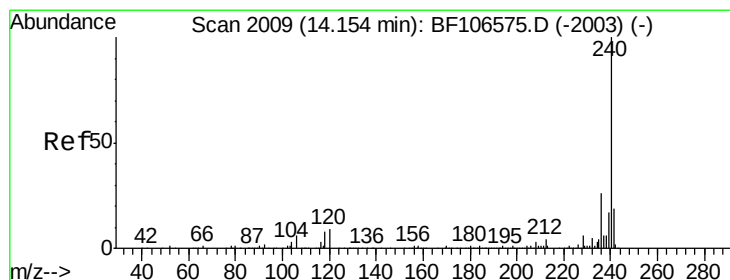
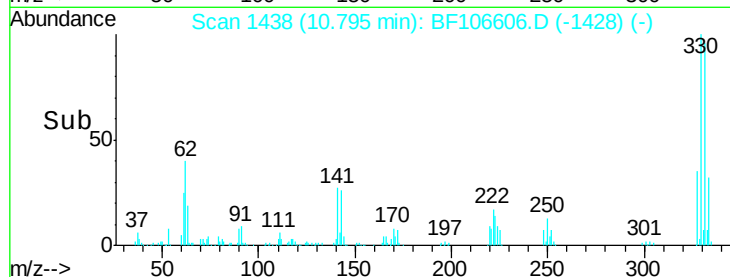
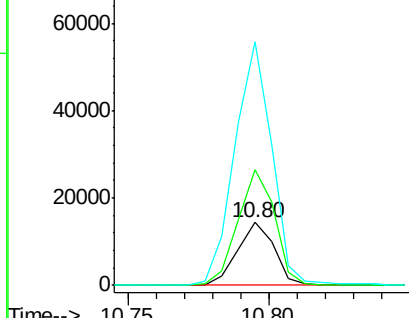
#66
4-Bromophenyl-phenylether
Concen: 4.680 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106606.D
Acq: 20 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
GW-FIELD-BLANK

Tgt Ion:248 Resp: 13000
Ion Ratio Lower Upper
248 100
250 184.1 76.9 115.3#
141 386.5 74.4 111.6#

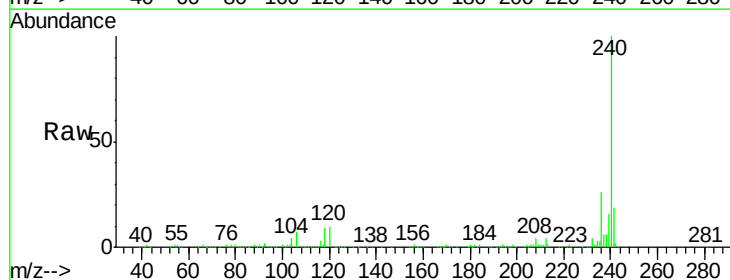


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

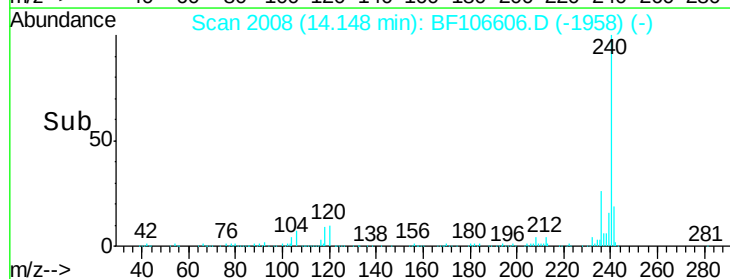
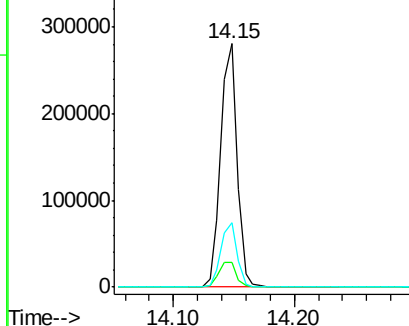


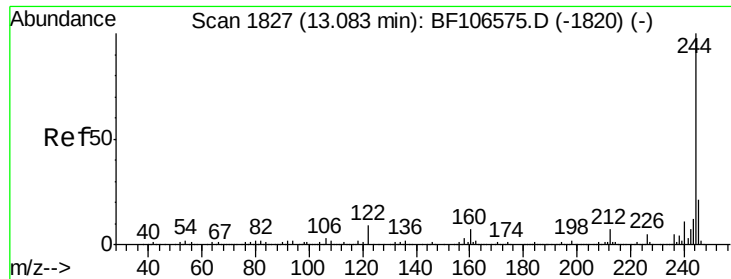
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106606.D
Acq: 20 Jun 2018 2:02

Tgt Ion:240 Resp: 262530
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 26.2 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: 83.672 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106606.D

Acq: 20 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

GW-FIELD-BLANK

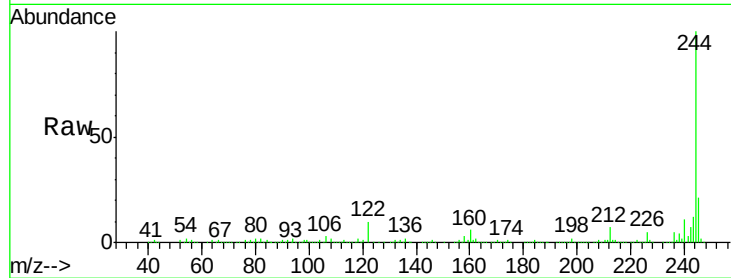
Tgt Ion:244 Resp: 906841

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

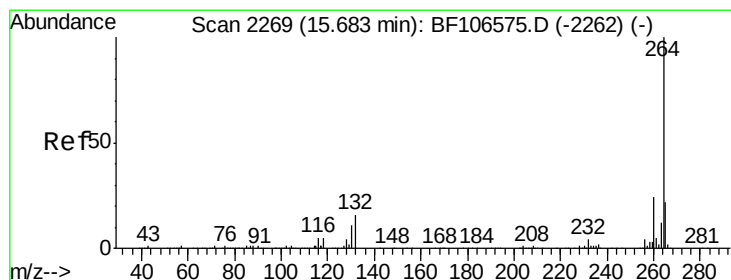
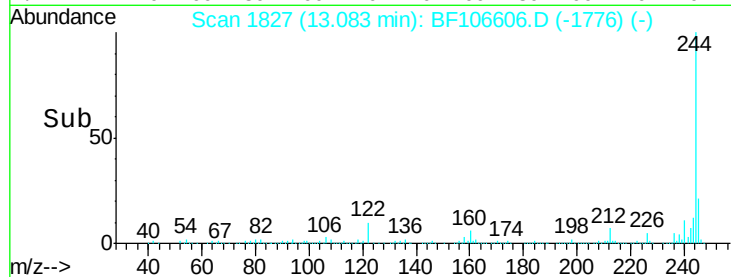
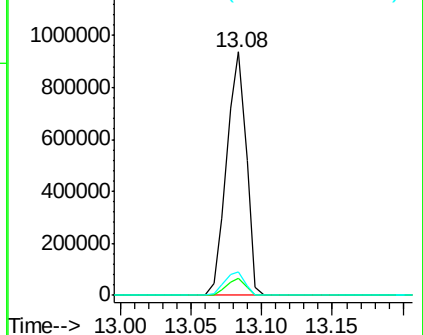
122 9.8 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF106606.D

Acq: 20 Jun 2018 2:02

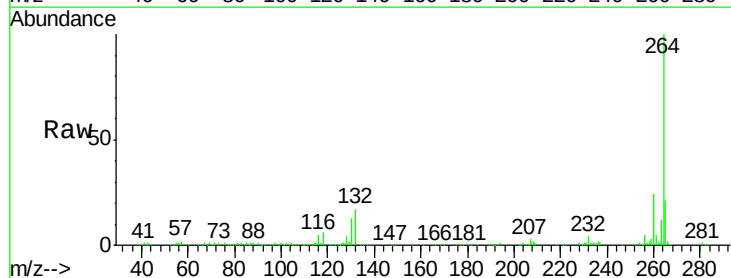
Tgt Ion:264 Resp: 204925

Ion Ratio Lower Upper

264 100

260 23.6 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

