

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF107003.D
 Acq On : 30 Jun 2018 5:03
 Operator : JU/SJ
 Sample : J3720-08
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: Jun 30 05:33:59 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 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78473	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	287424	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	132586	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	235590	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	227283	20.00	ng	-0.03
86) Perylene-d12	15.67	264	178922	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	247375	53.38	ng	0.00
7) Phenol-d6	6.60	99	192317	33.23	ng	-0.02
23) Nitrobenzene-d5	7.52	82	401452	77.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	195079	126.95	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	718014	93.06	ng	-0.01
78) Terphenyl-d14	13.07	244	780272	83.16	ng	-0.01

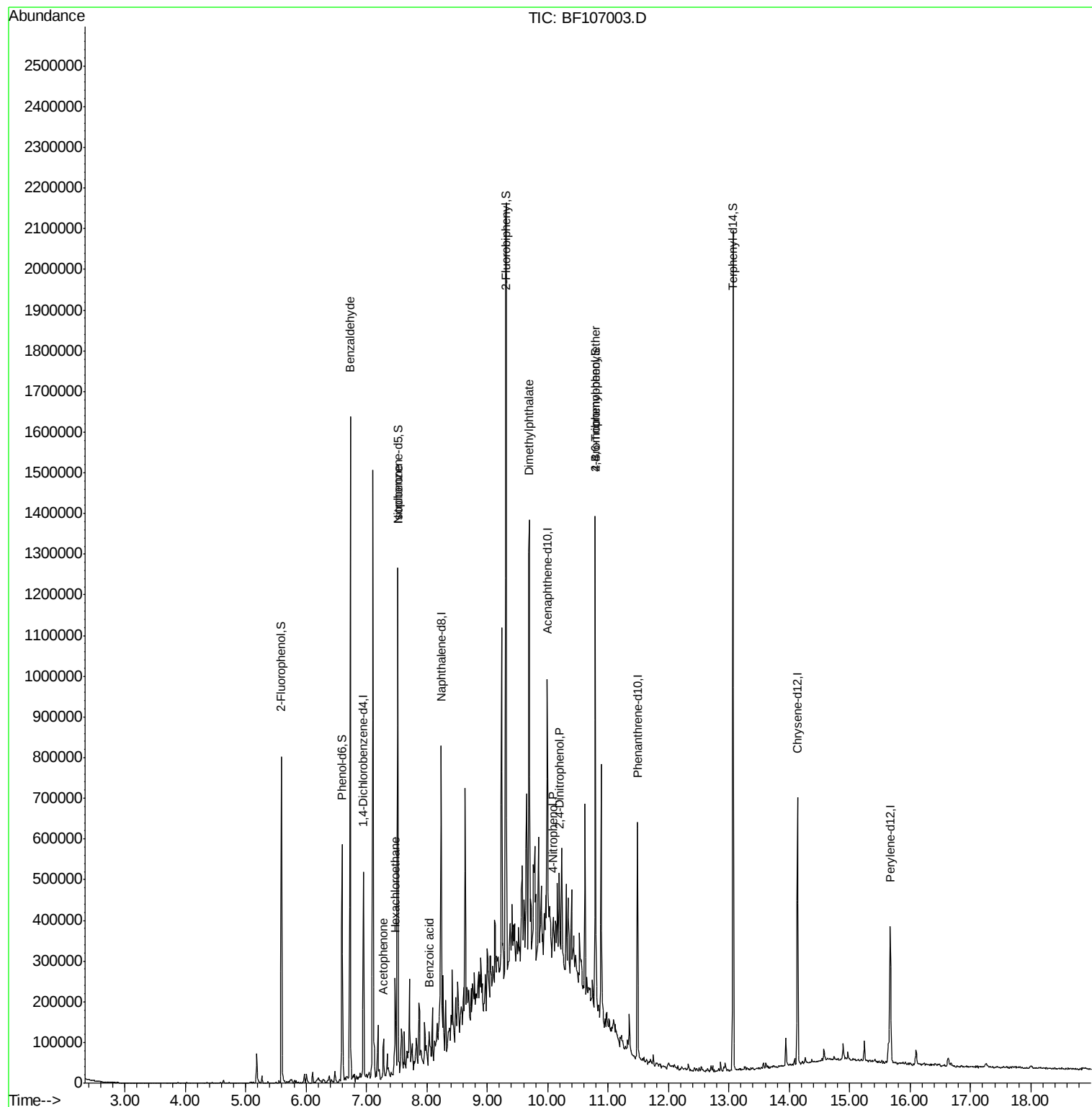
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.73	77	9957	2.053	ng	92
18) Hexachloroethane	7.48	117	15638	7.388	ng	# 1
20) 3+4-Methylphenols	7.39	107	253	Below Cal		# 9
22) Acetophenone	7.28	105	14791	2.300	ng	# 71
25) Isophorone	7.52	82	401111	44.012	ng	# 64
32) Benzoic acid	8.04	122	124	5.770	ng	# 1
49) Dimethylphthalate	9.70	163	25092	2.523	ng	# 91
53) 2,4-Dinitrophenol	10.18	184	130	5.464	ng	# 1
55) 4-Nitrophenol	10.10	139	3827	2.263	ng	# 14
66) 4-Bromophenyl-phenylether	10.79	248	12087	4.299	ng	# 1

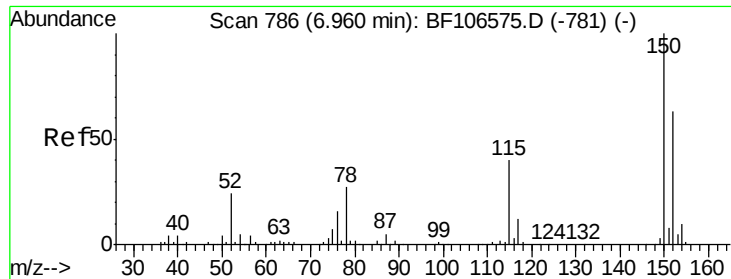
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
Data File : BF107003.D
Acq On : 30 Jun 2018 5:03
Operator : JU/SJ
Sample : J3720-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-23

Quant Time: Jun 30 05:33:59 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 29 14:38:29 2018
Response via : Initial Calibration



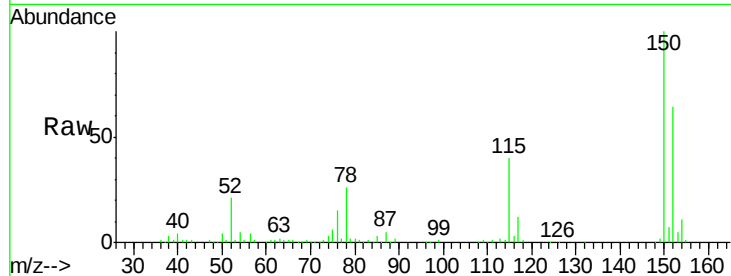


#1

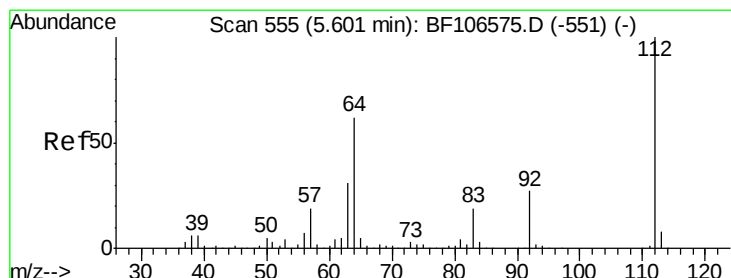
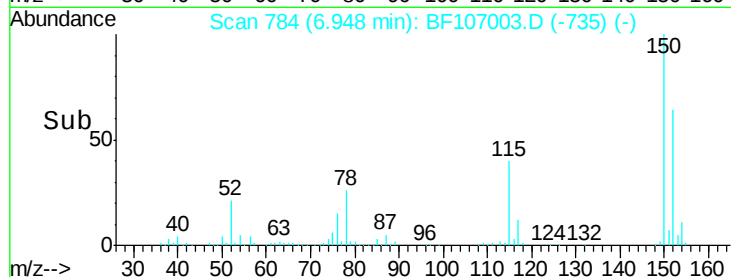
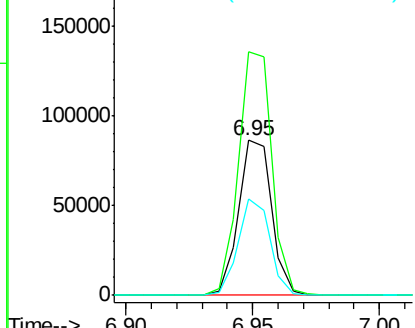
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107003.D
Acq: 30 Jun 2018 5:03

Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion:152 Resp: 78473
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 62.6 50.1 75.1



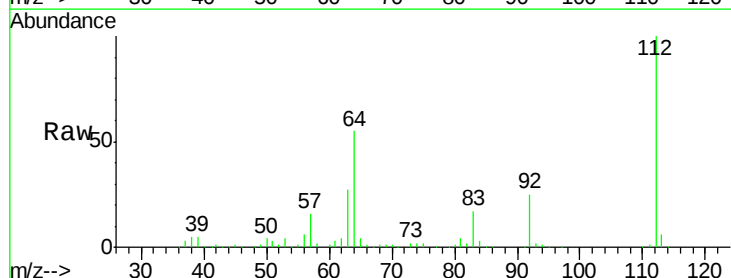
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



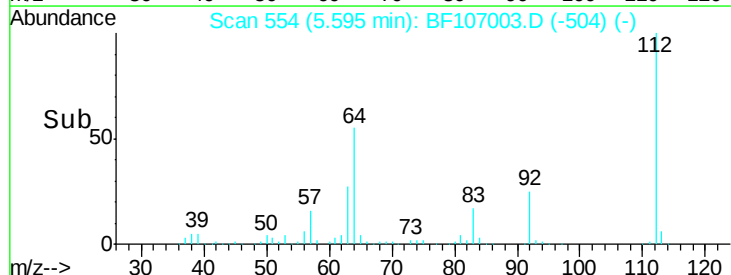
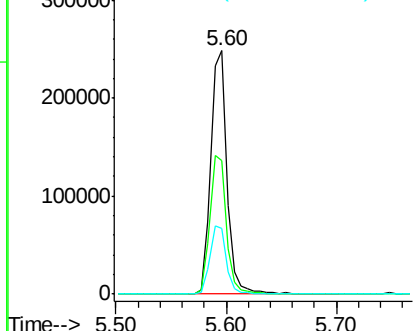
#5

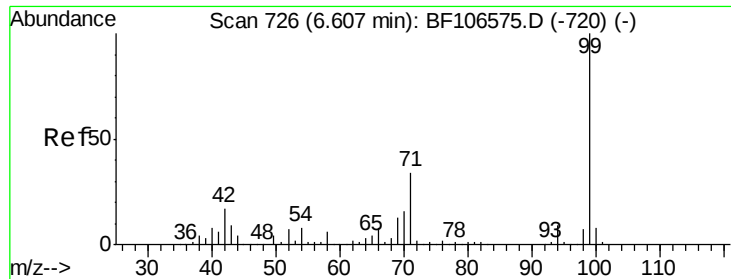
2-Fluorophenol
Concen: 53.379 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107003.D
Acq: 30 Jun 2018 5:03

Tgt Ion:112 Resp: 247375
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 26.7 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: 33.231 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107003.D

Acq: 30 Jun 2018 5:03

Instrument :

BNA_F

ClientSampled :

MW-23

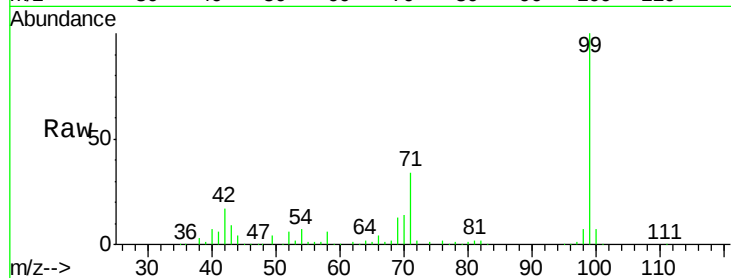
Tgt Ion: 99 Resp: 192317

Ion Ratio Lower Upper

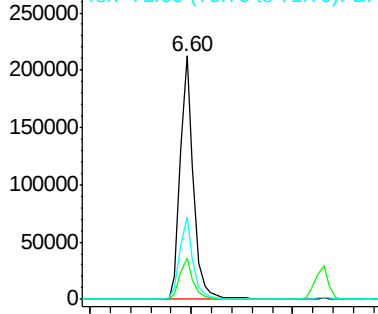
99 100

42 16.9 14.5 21.7

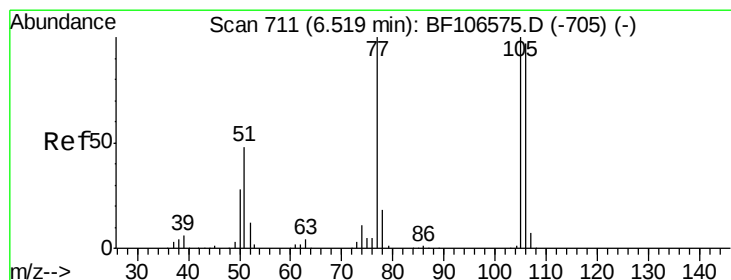
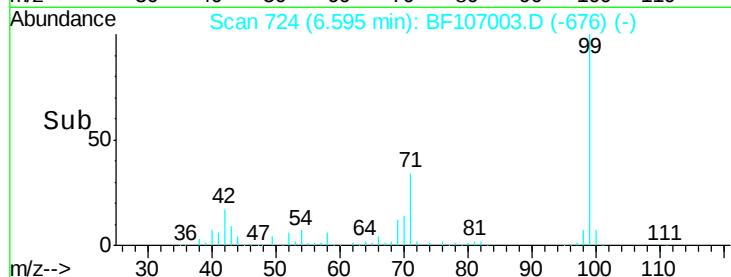
71 34.0 25.4 38.0



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



Time-->



#9

Benzaldehyde

Concen: 2.053 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF107003.D

Acq: 30 Jun 2018 5:03

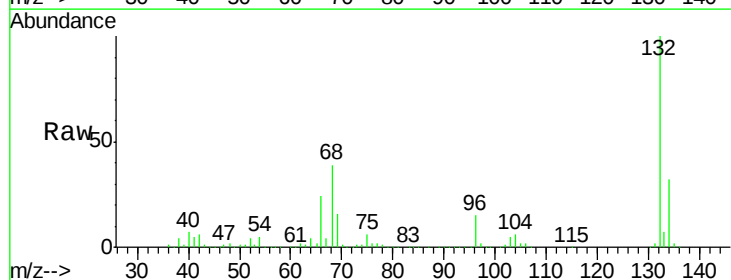
Tgt Ion: 77 Resp: 9957

Ion Ratio Lower Upper

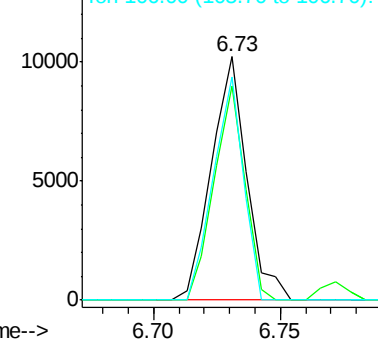
77 100

105 87.8 81.1 121.1

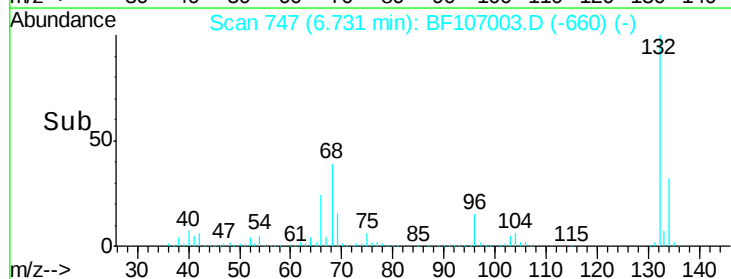
106 91.7 74.5 114.5

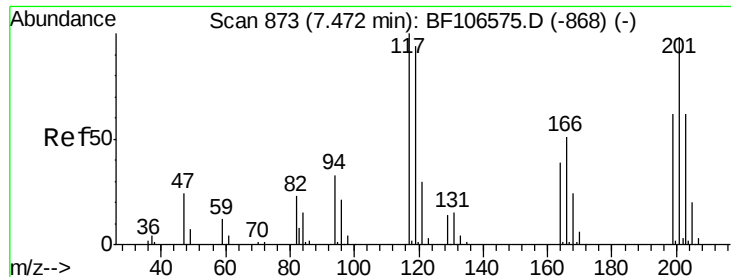


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



Time-->

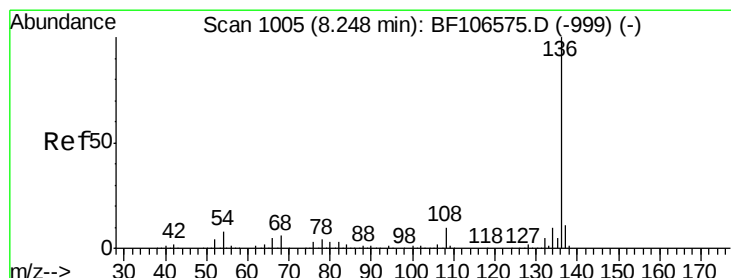
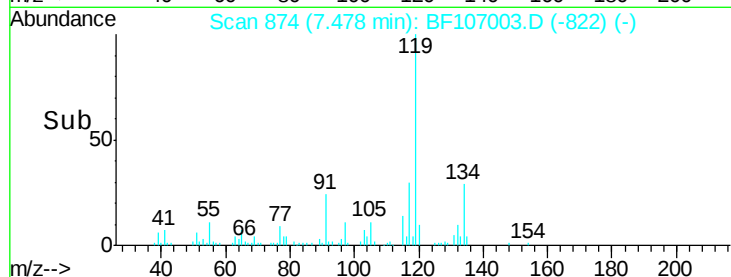
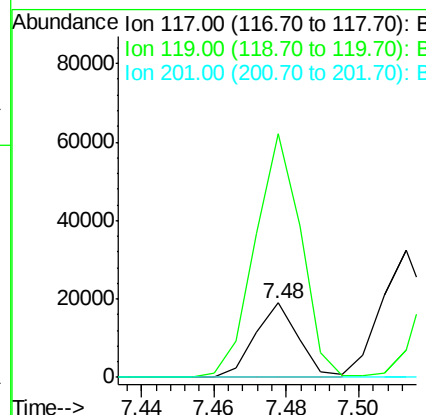
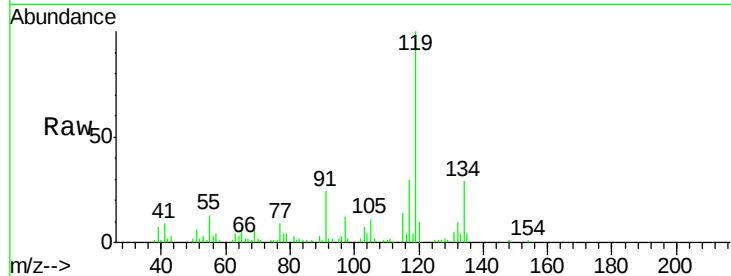




#18
Hexachloroethane
Concen: 7.388 ng
RT: 7.48 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF107003.D
Acq: 30 Jun 2018 5:03

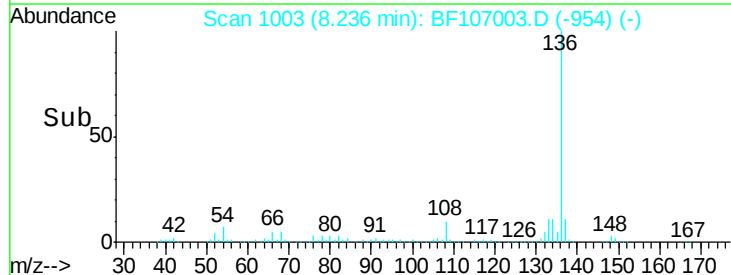
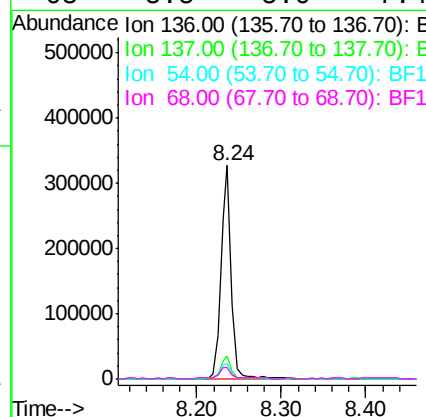
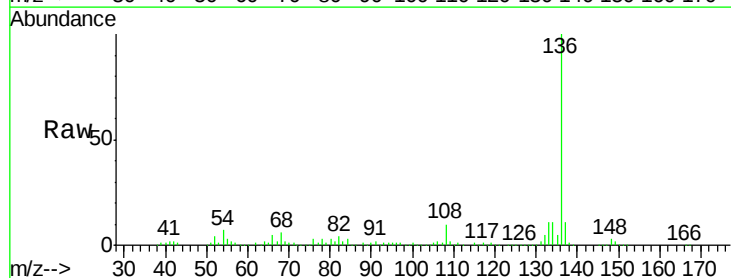
Instrument :
BNA_F
ClientSampleId :
MW-23

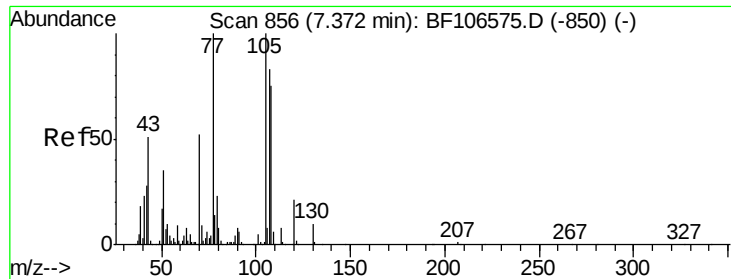
Tgt Ion:117 Resp: 15638
Ion Ratio Lower Upper
117 100
119 328.2 75.8 113.8#
201 0.0 75.7 113.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107003.D
Acq: 30 Jun 2018 5:03

Tgt Ion:136 Resp: 287424
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 6.6 9.8
68 5.5 5.0 7.4





#22

Acetophenone

Concen: 2.300 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.09 min

Lab File: BF107003.D

Acq: 30 Jun 2018 5:03

Instrument :

BNA_F

ClientSampleId :

MW-23

Tgt Ion:105 Resp: 14791

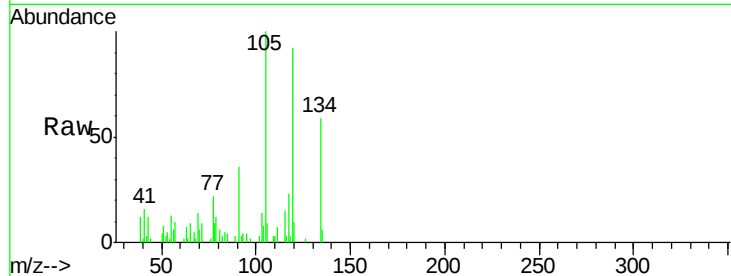
Ion Ratio Lower Upper

105 100

71 8.9 4.4 6.6#

51 8.1 22.3 33.5#

120 10.3 16.9 25.3#



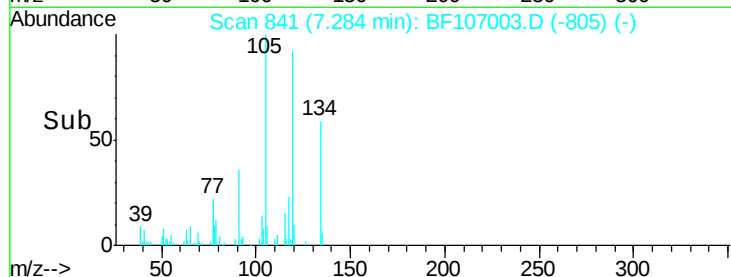
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

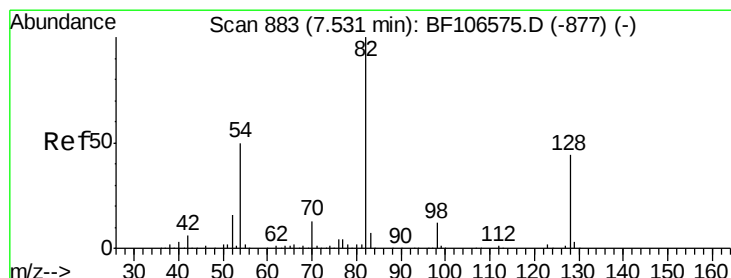
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 77.621 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107003.D

Acq: 30 Jun 2018 5:03

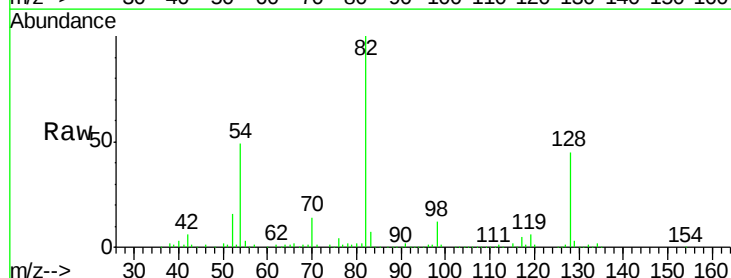
Tgt Ion: 82 Resp: 401452

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

54 48.8 41.4 62.2

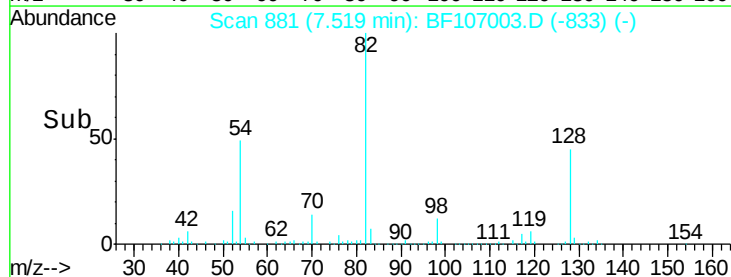


Abundance Ion 82.00 (81.70 to 82.70): BF1

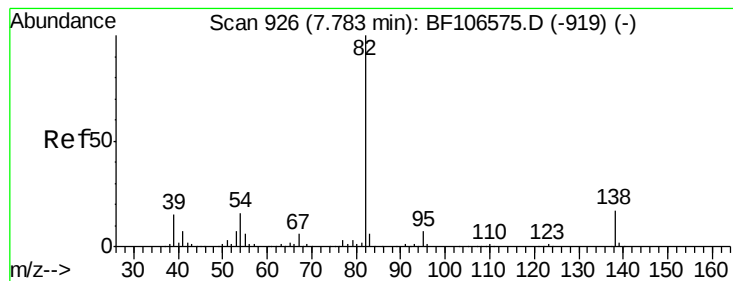
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->



Time-->



#25

Isophorone

Concen: 44.012 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107003.D

Acq: 30 Jun 2018 5:03

Instrument :

BNA_F

ClientSampled :

MW-23

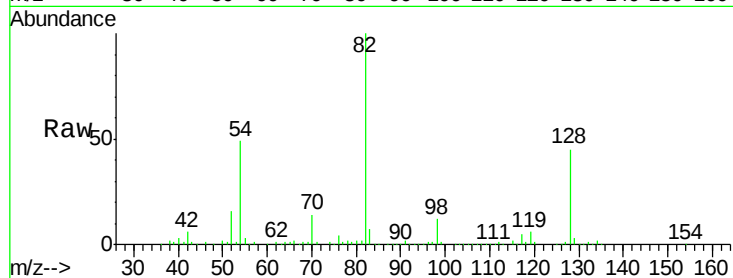
Tgt Ion: 82 Resp: 401111

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

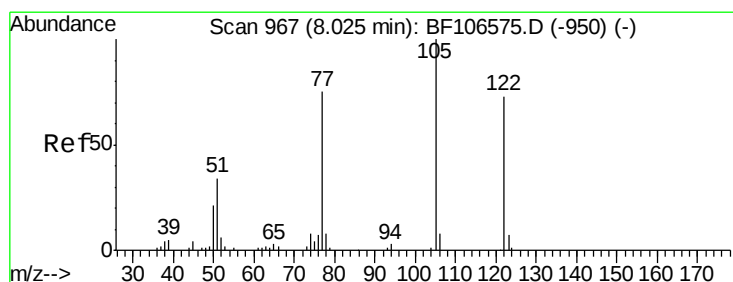
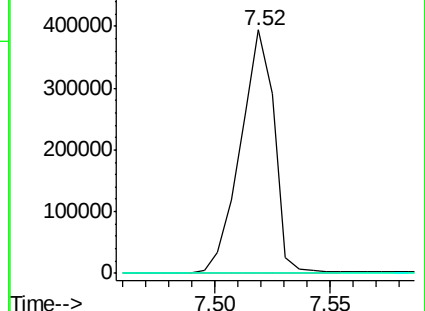
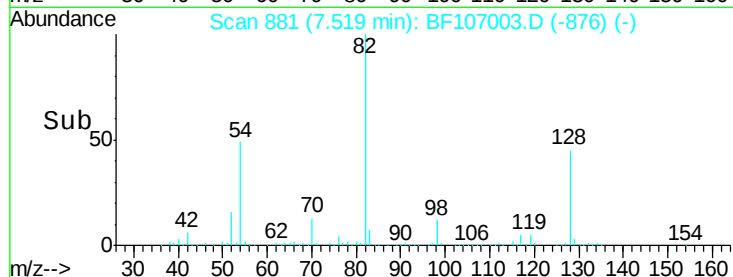
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 5.770 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF107003.D

Acq: 30 Jun 2018 5:03

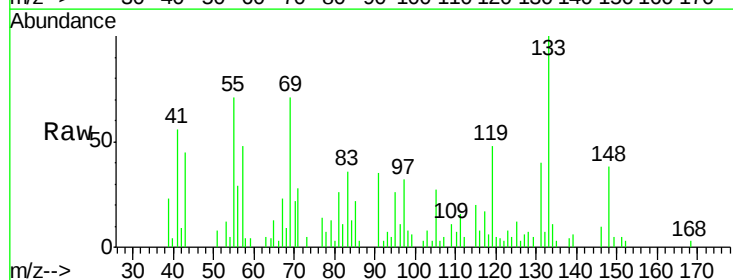
Tgt Ion: 122 Resp: 124

Ion Ratio Lower Upper

122 100

105 767.8 101.1 141.1#

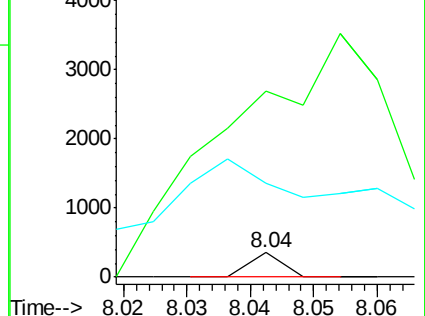
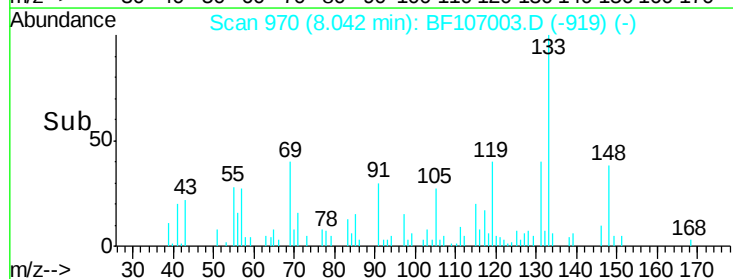
77 387.7 70.7 110.7#

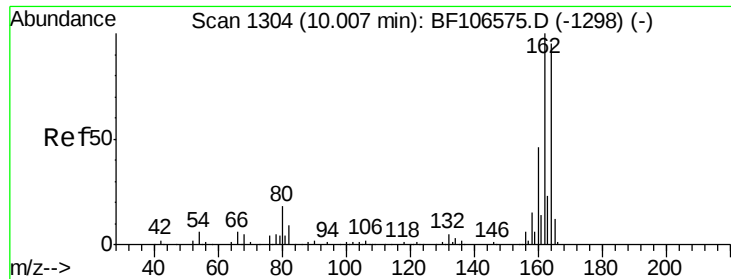


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF107003.D

Acq: 30 Jun 2018 5:03

Instrument :

BNA_F

ClientSampleId :

MW-23

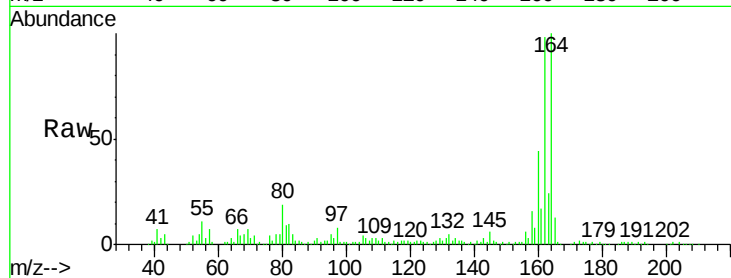
Tgt Ion:164 Resp: 132586

Ion Ratio Lower Upper

164 100

162 98.0 86.1 129.1

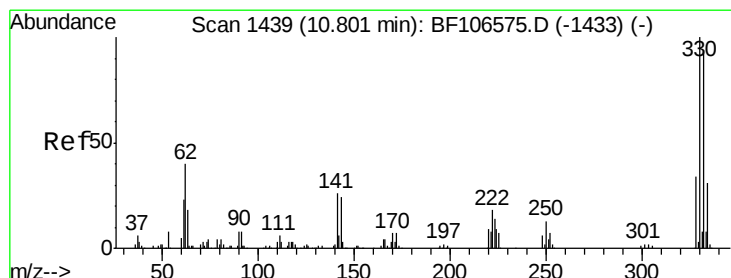
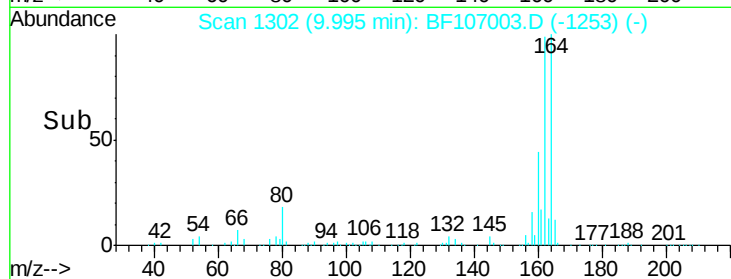
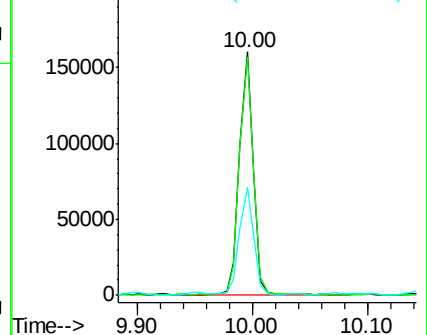
160 44.1 38.3 57.5



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: 126.946 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF107003.D

Acq: 30 Jun 2018 5:03

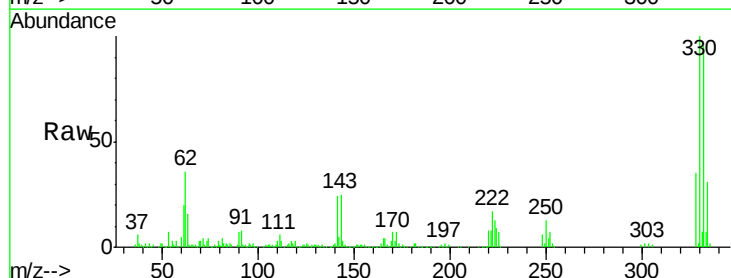
Tgt Ion:330 Resp: 195079

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

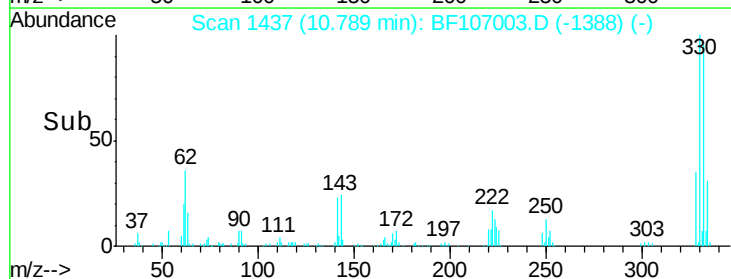
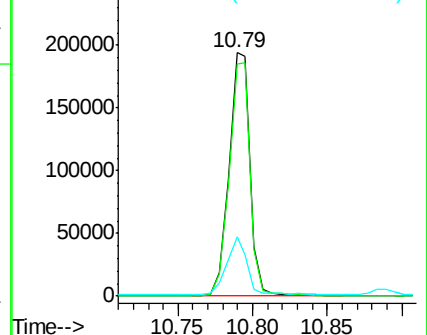
141 22.5 29.9 44.9#

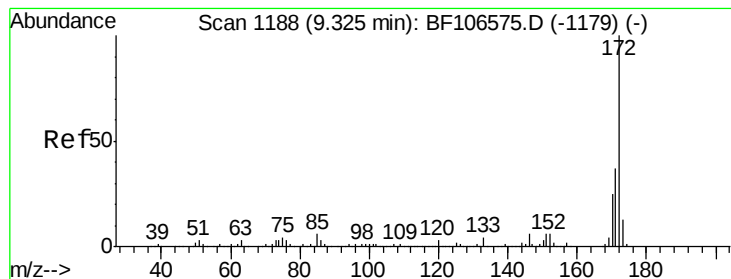


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 93.063 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF107003.D

Acq: 30 Jun 2018 5:03

Instrument :

BNA_F

ClientSampleId :

MW-23

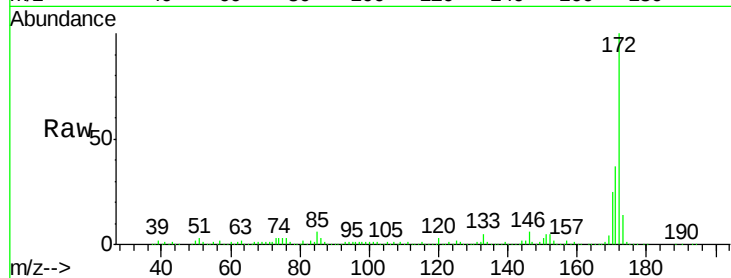
Tgt Ion:172 Resp: 718014

Ion Ratio Lower Upper

172 100

171 37.3 29.7 44.5

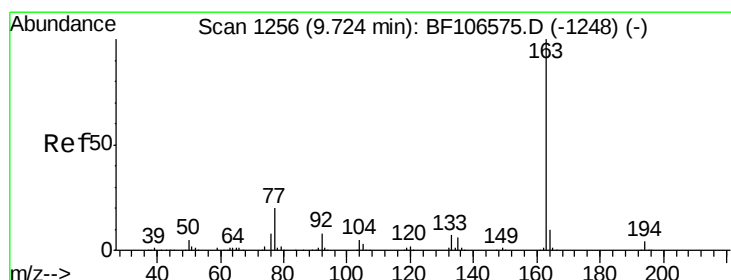
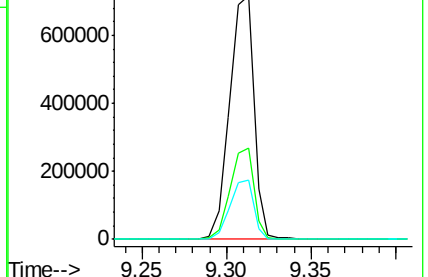
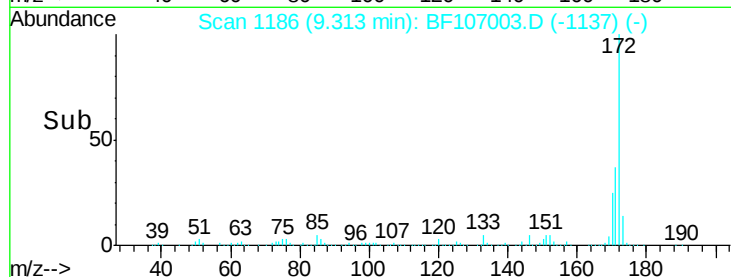
170 24.6 19.6 29.4



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: 2.523 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107003.D

Acq: 30 Jun 2018 5:03

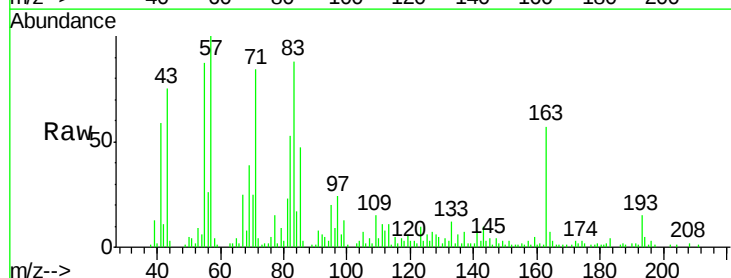
Tgt Ion:163 Resp: 25092

Ion Ratio Lower Upper

163 100

194 8.6 2.7 4.1#

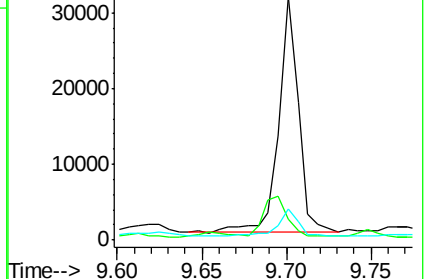
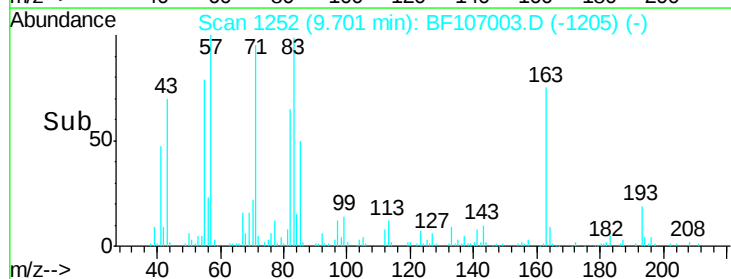
164 12.9 8.2 12.2#

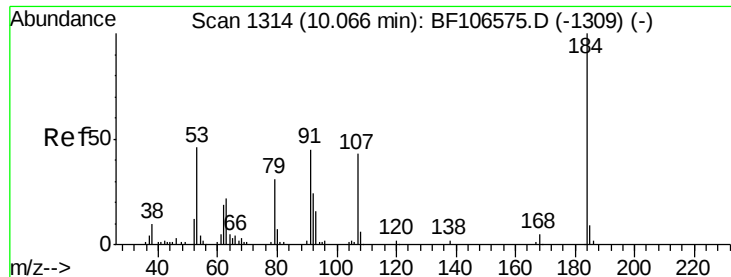


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

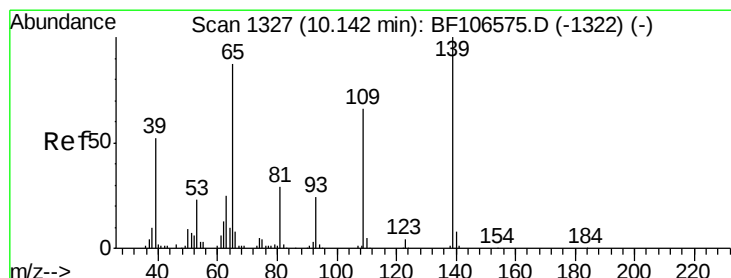
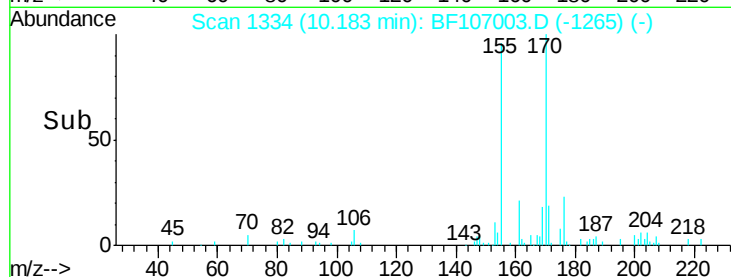
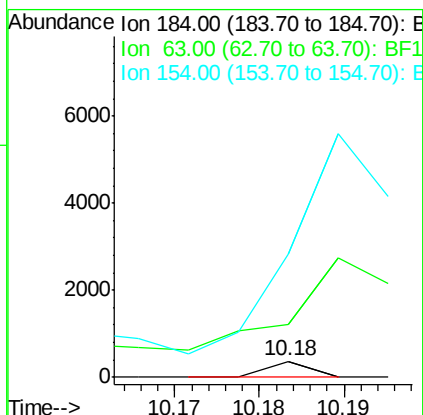
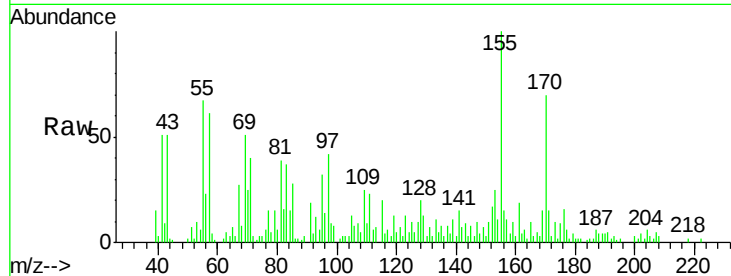




#53
2,4-Dinitrophenol
Concen: 5.464 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.11 min
Lab File: BF107003.D
Acq: 30 Jun 2018 5:03

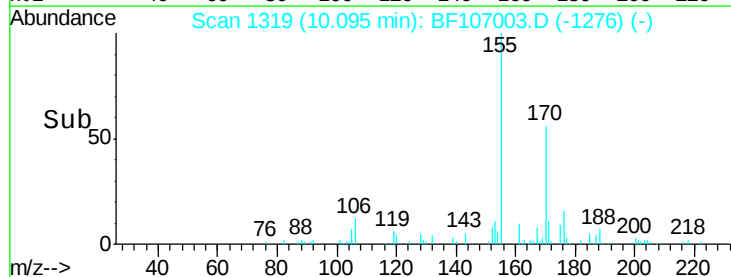
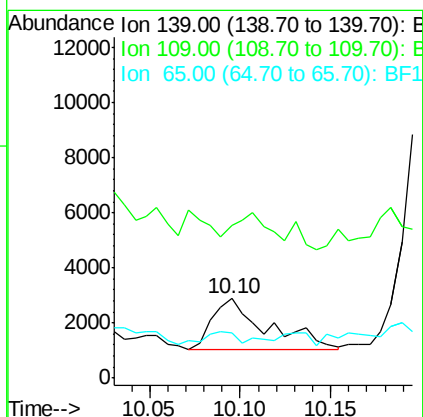
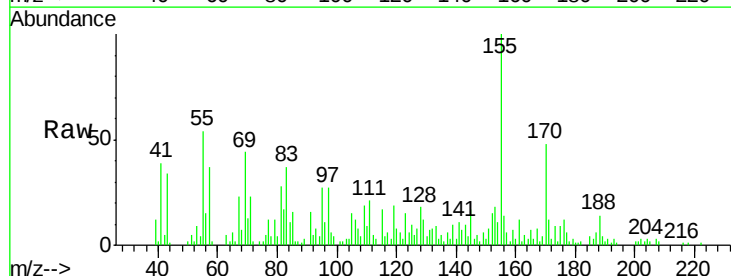
Instrument :
BNA_F
ClientSampleId :
MW-23

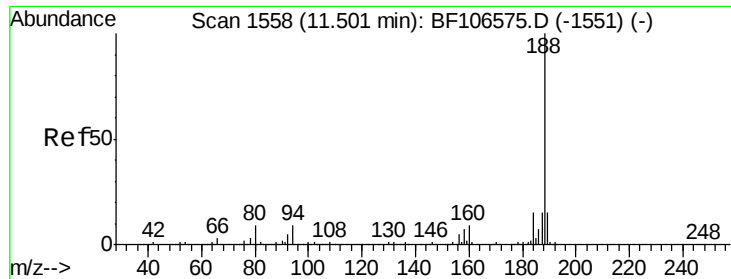
Tgt Ion:184 Resp: 130
Ion Ratio Lower Upper
184 100
63 330.8 54.2 81.2#
154 761.6 184.0 276.0#



#55
4-Nitrophenol
Concen: 2.263 ng
RT: 10.10 min Scan# 1319
Delta R.T. -0.05 min
Lab File: BF107003.D
Acq: 30 Jun 2018 5:03

Tgt Ion:139 Resp: 3827
Ion Ratio Lower Upper
139 100
109 191.1 48.4 88.4#
65 56.1 72.6 112.6#

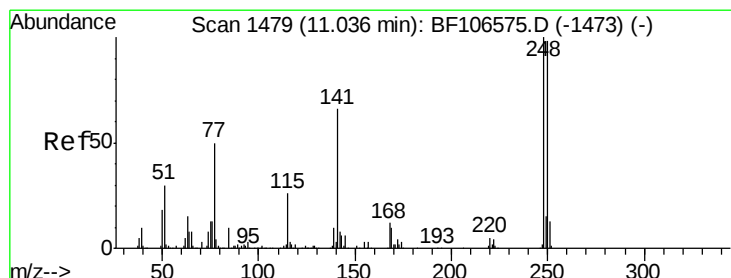
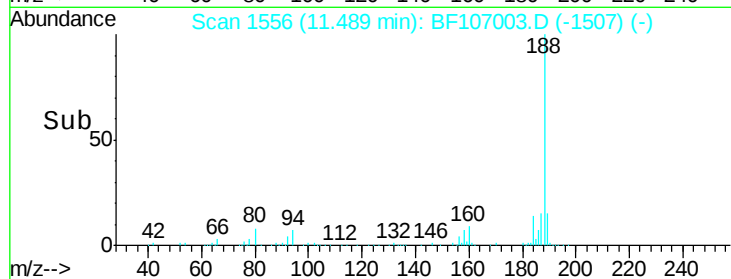
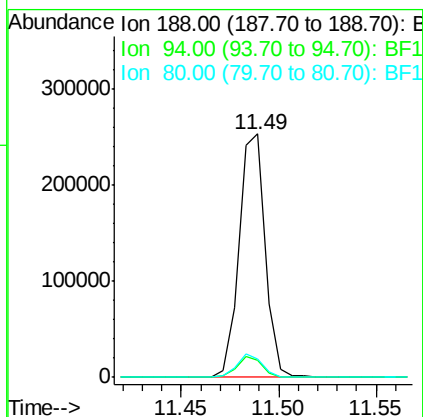
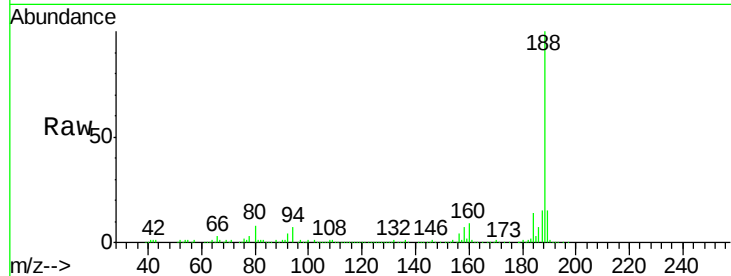




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107003.D
Acq: 30 Jun 2018 5:03

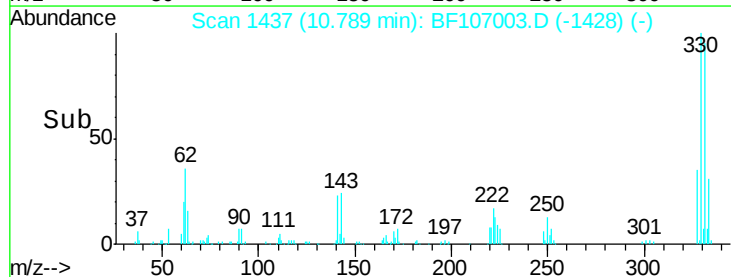
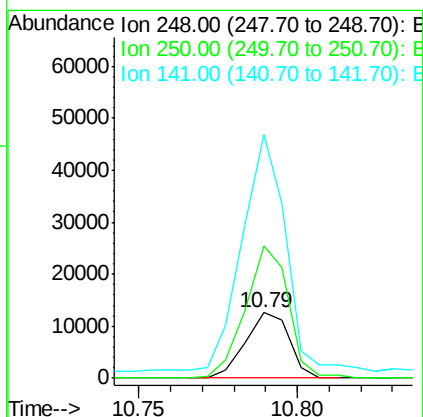
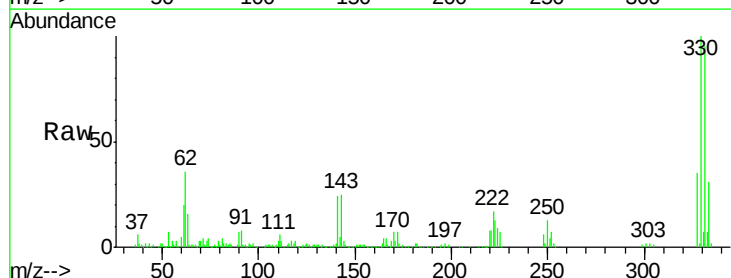
Instrument :
BNA_F
ClientSampleId :
MW-23

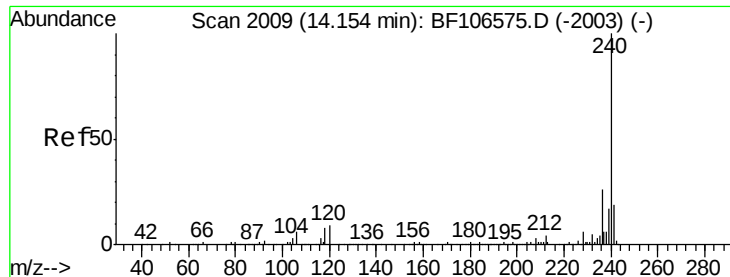
Tgt Ion:188 Resp: 235590
Ion Ratio Lower Upper
188 100
94 7.2 8.5 12.7#
80 7.8 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 4.299 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107003.D
Acq: 30 Jun 2018 5:03

Tgt Ion:248 Resp: 12087
Ion Ratio Lower Upper
248 100
250 202.4 76.9 115.3#
141 371.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107003.D

Acq: 30 Jun 2018 5:03

Instrument :

BNA_F

ClientSampleId :

MW-23

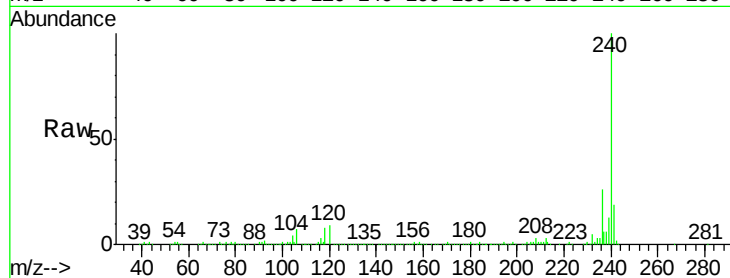
Tgt Ion:240 Resp: 227283

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

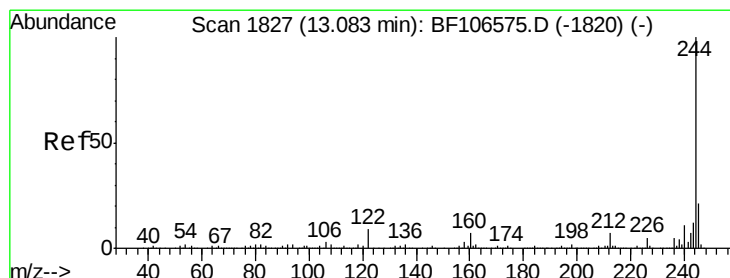
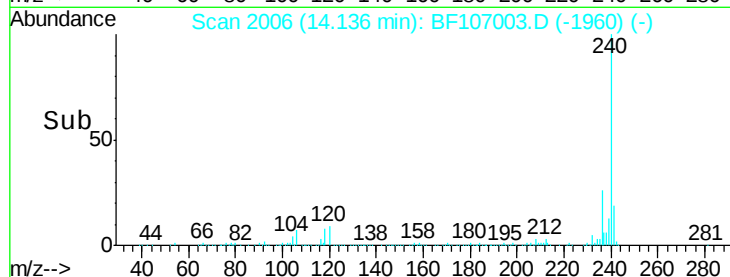
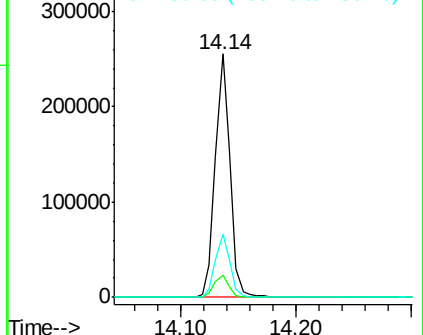
236 26.1 20.7 31.1



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



#78

Terphenyl-d14

Concen: 83.159 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107003.D

Acq: 30 Jun 2018 5:03

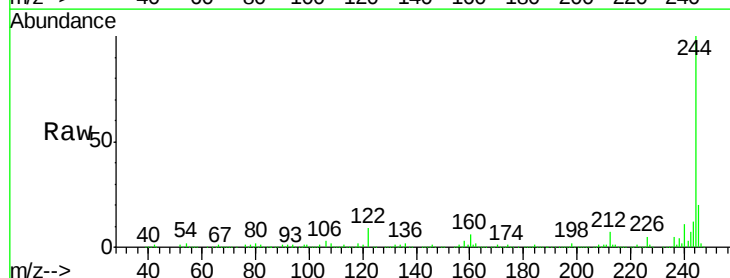
Tgt Ion:244 Resp: 780272

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

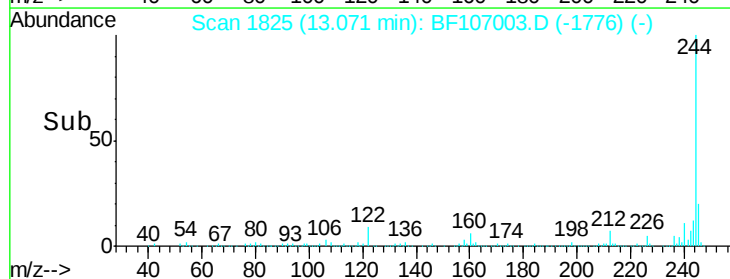
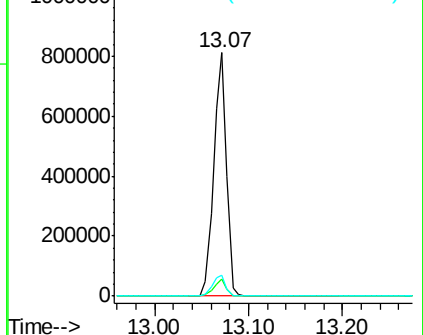
122 8.5 11.0 16.4#

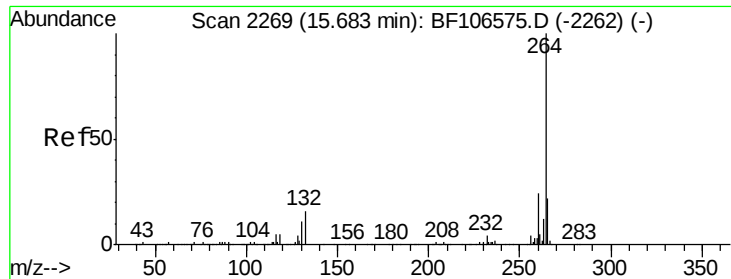


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107003.D
Acq: 30 Jun 2018 5:03

Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3

