

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
 Data File : BF107038.D
 Acq On : 2 Jul 2018 12:23
 Operator : JU/SJ
 Sample : J3524-03DLRE 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA-3(D)DLRE

Quant Time: Jul 02 13:53:06 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	75125	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	284687	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	129003	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	222481	20.00	ng	0.00
75) Chrysene-d12	14.15	240	229209	20.00	ng	-0.01
86) Perylene-d12	15.70	264	174640	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	15744	3.55	ng	0.00
7) Phenol-d6	6.61	99	19449	3.51	ng	0.00
23) Nitrobenzene-d5	7.52	82	10990	2.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	4183	2.80	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	23693	-14.09	ng	-0.02
78) Terphenyl-d14	13.07	244	24551	2.59	ng	-0.01

Target Compounds

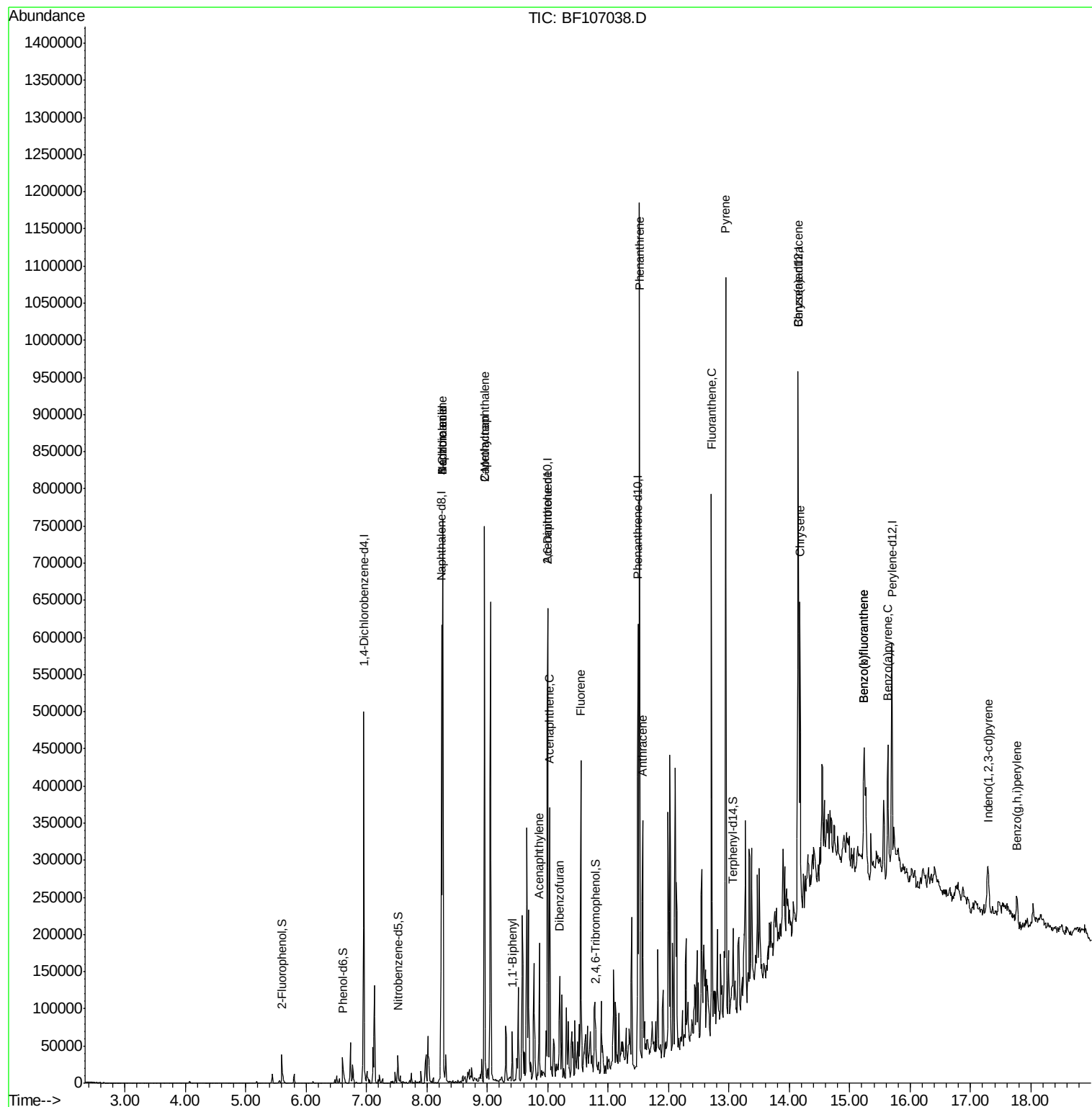
						Qvalue
31) Naphthalene	8.26	128	351858	26.436	ng	99
32) Benzoic acid	8.26	122	578	5.914	ng	# 1
33) 4-Chloroaniline	8.26	127	45711	8.185	ng	# 31
35) Caprolactam	8.95	113	4092	3.142	ng	# 1
37) 2-Methylnaphthalene	8.95	142	202798	22.987	ng	96
45) 1,1'-Biphenyl	9.41	154	21199	2.062	ng	100
48) Acenaphthylene	9.86	152	50754	3.972	ng	# 94
50) 2,6-Dinitrotoluene	10.00	165	20486	9.999	ng	# 25
51) Acenaphthene	10.03	154	69537	8.643	ng	98
54) Dibenzofuran	10.21	168	39854	3.618	ng	93
57) Fluorene	10.55	166	116119	13.283	ng	99
70) Phenanthrene	11.52	178	465943	43.421	ng	99
71) Anthracene	11.57	178	125887	11.493	ng	99
74) Fluoranthene	12.72	202	307897	26.033	ng	94
77) Pyrene	12.95	202	396656	26.243	ng	99
80) Benzo(a)anthracene	14.14	228	182446	13.060	ng	93
82) Chrysene	14.18	228	150769	11.731	ng	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	36949	3.388	ng	# 89
87) Benzo(b)fluoranthene	15.24	252	148059	13.648	ng	97
88) Benzo(k)fluoranthene	15.24	252	148059	14.331	ng	97
89) Benzo(a)pyrene	15.63	252	98850	10.250	ng	95
91) Benzo(g,h,i)perylene	17.77	276	39164	4.902	ng	# 87

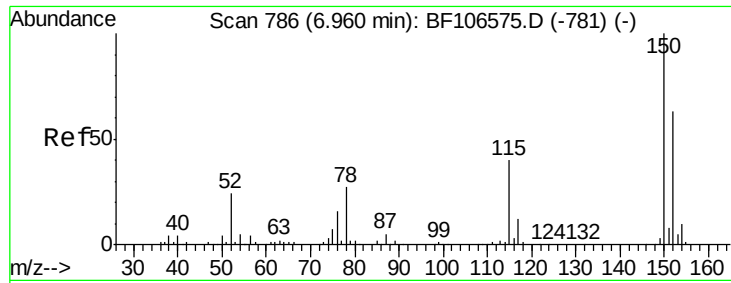
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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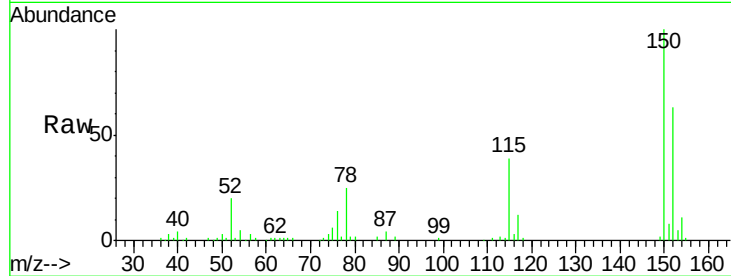


#1

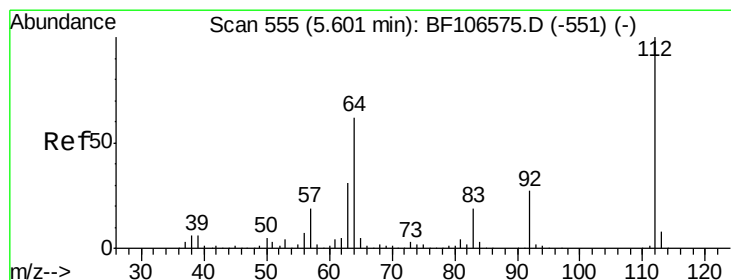
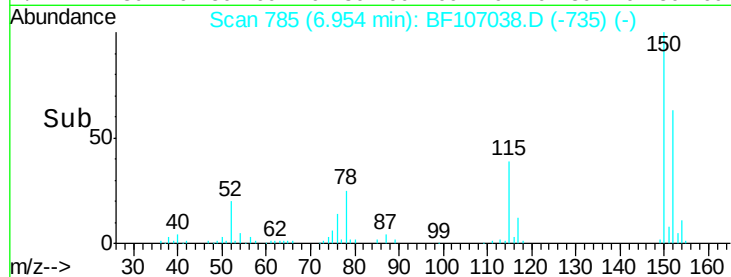
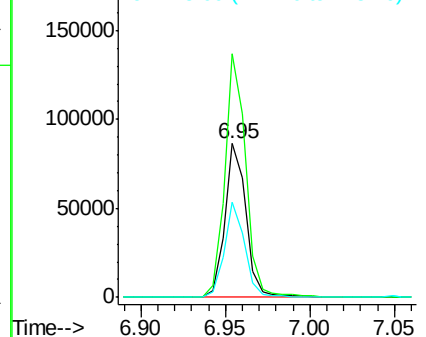
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107038.D
Acq: 2 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
AREA-3(D)DLRE

Tgt Ion:152 Resp: 75125
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 62.1 50.1 75.1



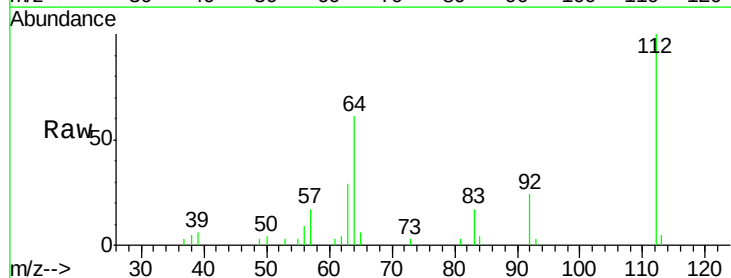
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



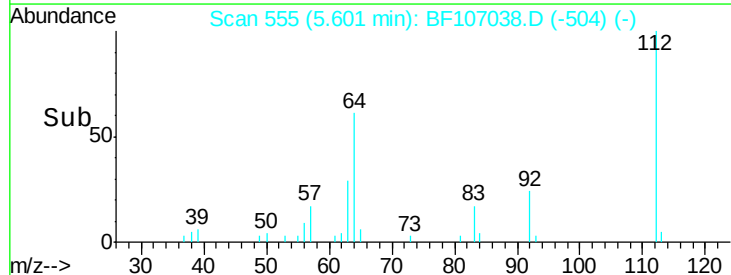
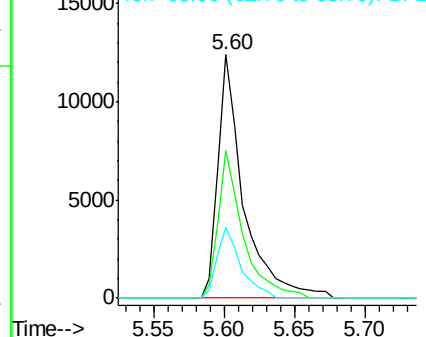
#5

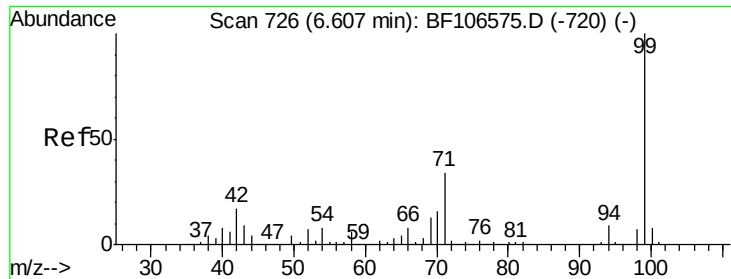
2-Fluorophenol
Concen: 3.549 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107038.D
Acq: 2 Jul 2018 12:23

Tgt Ion:112 Resp: 15744
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 29.1 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: 3.510 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

AREA-3(D)DLRE

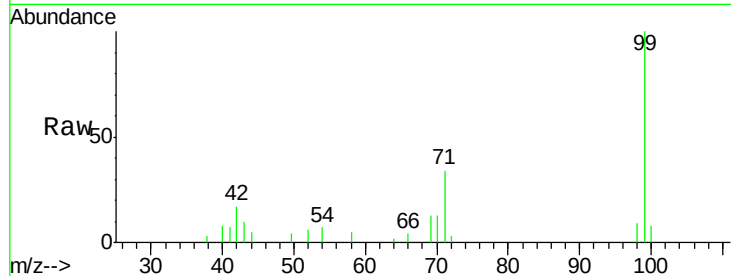
Tgt Ion: 99 Resp: 19449

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

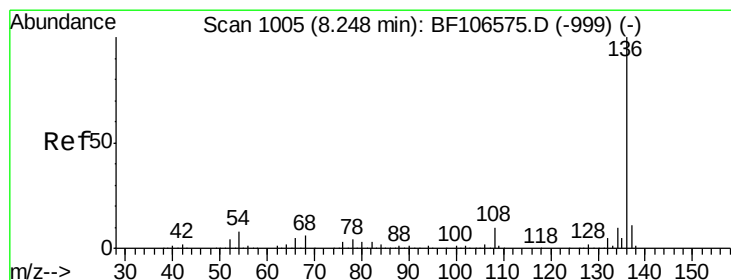
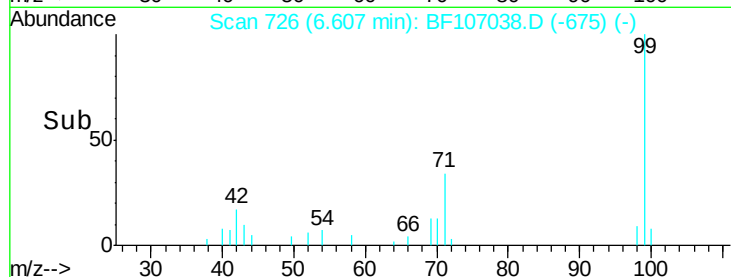
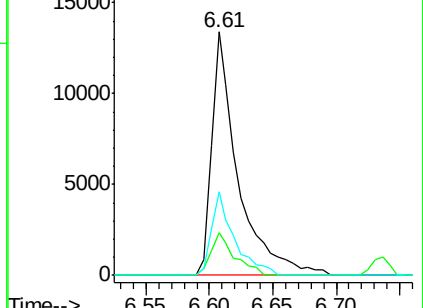
71 34.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Tgt Ion: 136 Resp: 284687

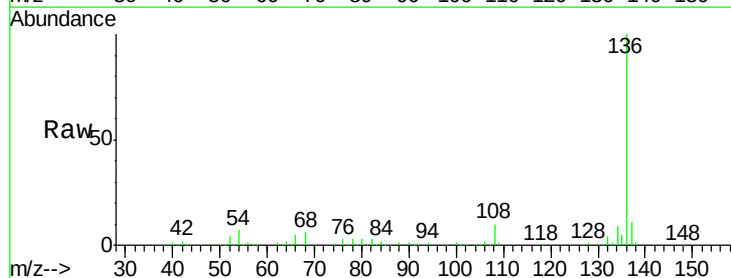
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 5.5 5.0 7.4

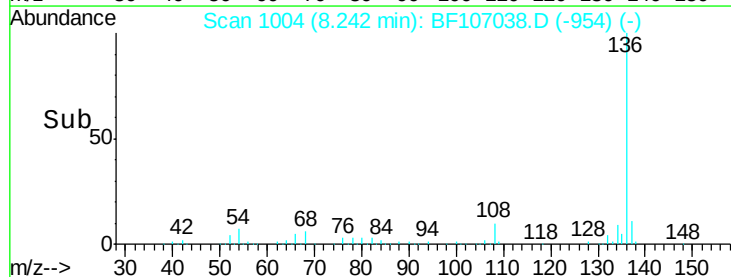
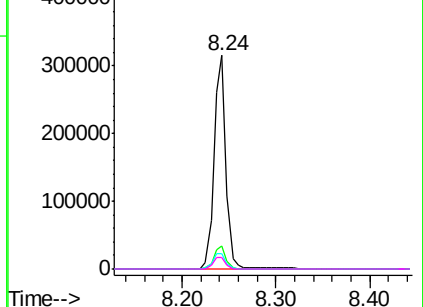


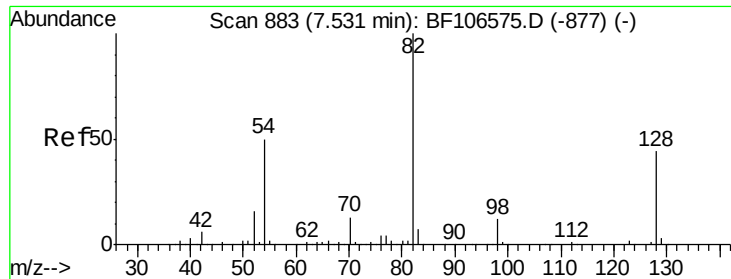
Abundance Ion 136.00 (135.70 to 136.70): E

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

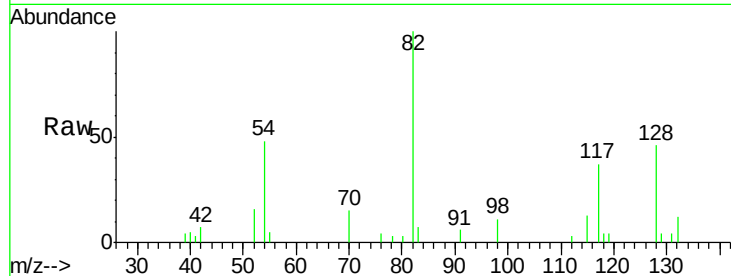




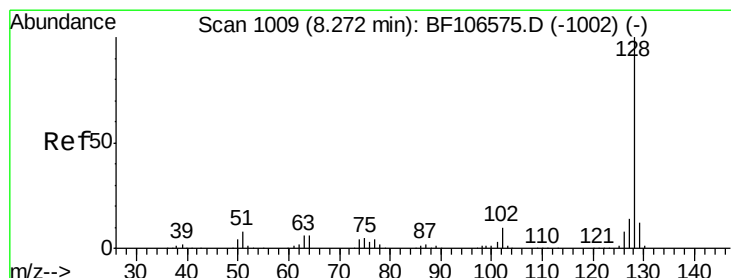
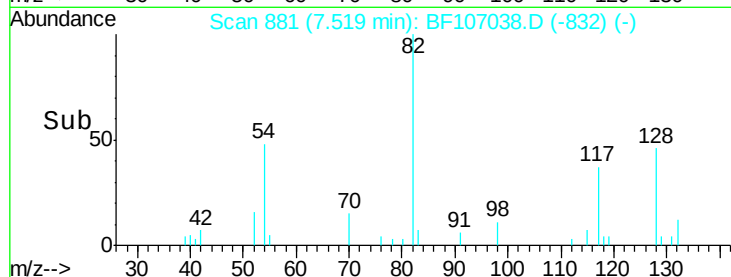
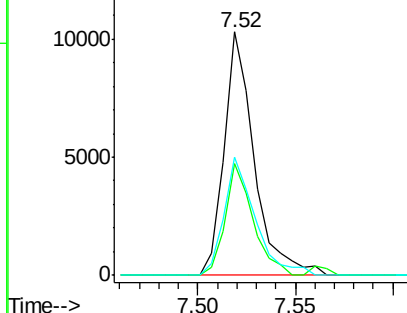
#23
Nitrobenzene-d5
Concen: 2.145 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF107038.D
Acq: 2 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
AREA-3(D)DLRE

Tgt Ion: 82 Resp: 10990
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 48.4 41.4 62.2

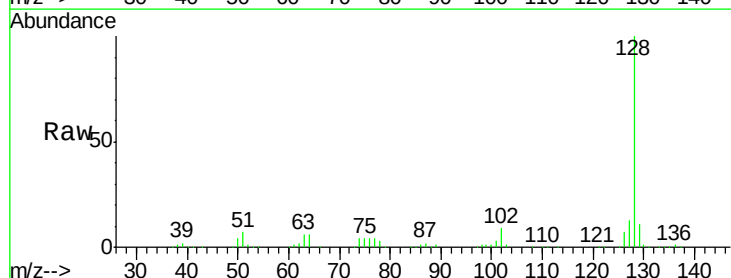


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

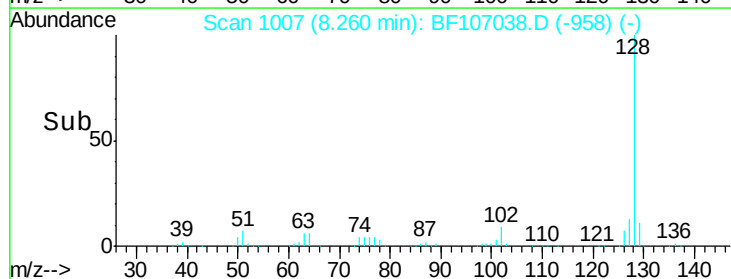
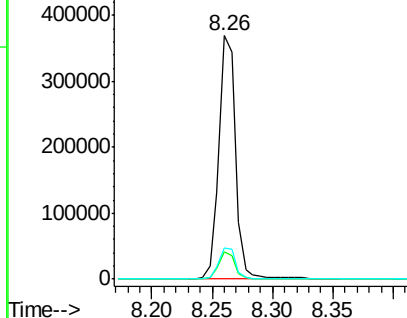


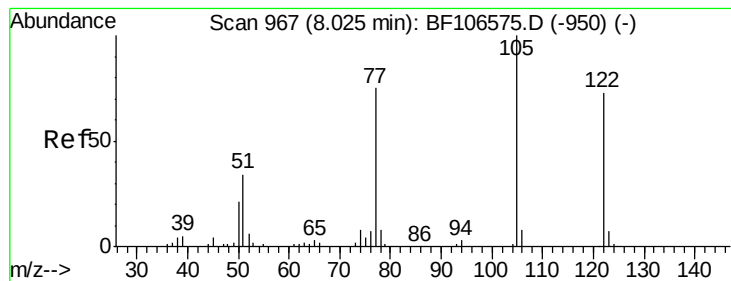
#31
Naphthalene
Concen: 26.436 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107038.D
Acq: 2 Jul 2018 12:23

Tgt Ion: 128 Resp: 351858
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 5.914 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.24 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

AREA-3(D)DLRE

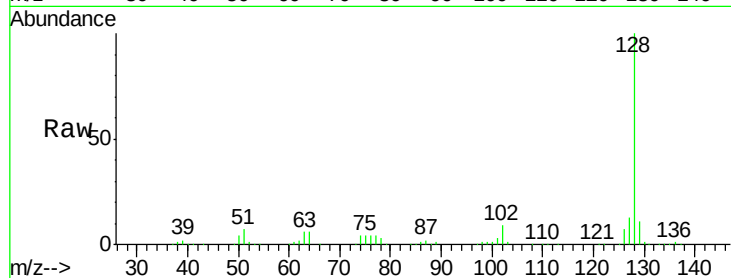
Tgt Ion:122 Resp: 578

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

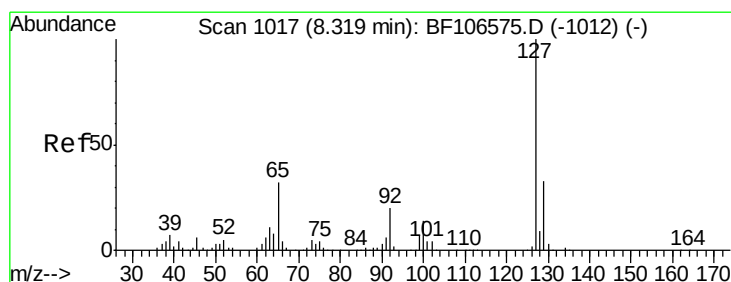
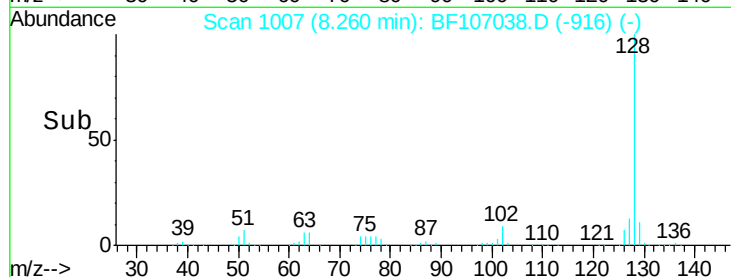
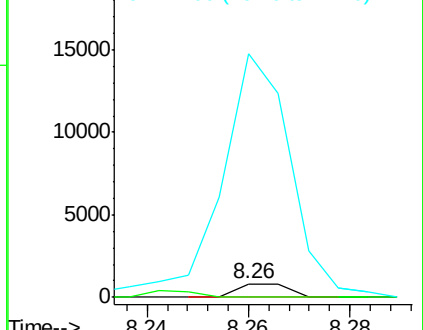
77 1778.6 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 8.185 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.06 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Tgt Ion:127 Resp: 45711

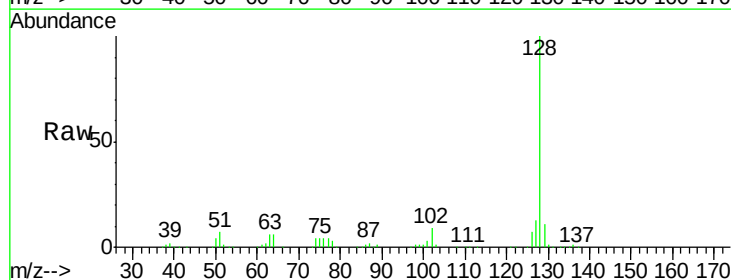
Ion Ratio Lower Upper

127 100

129 86.2 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

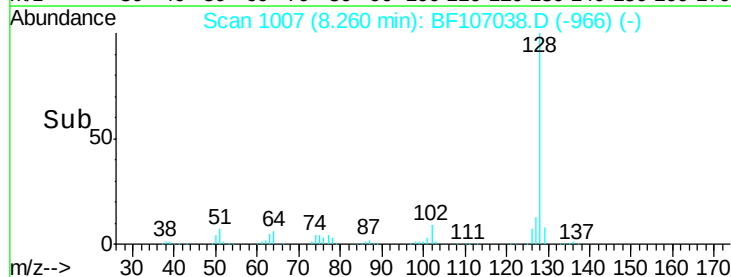
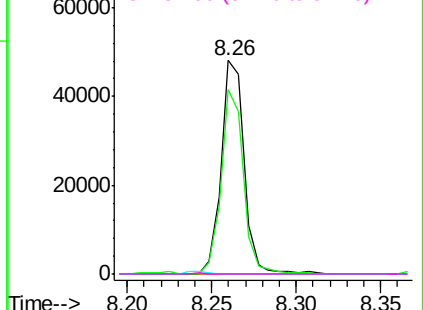


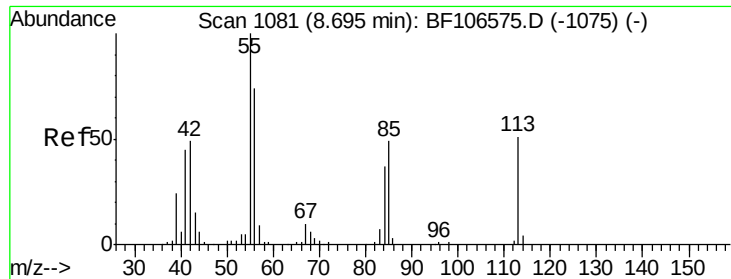
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

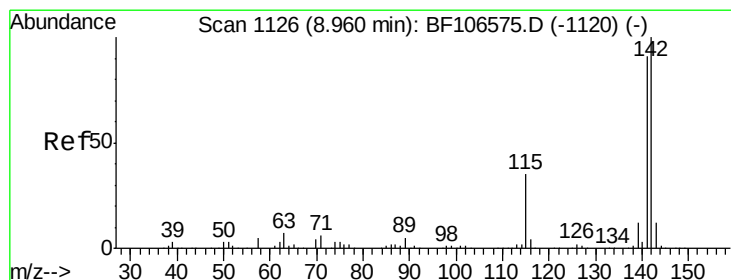
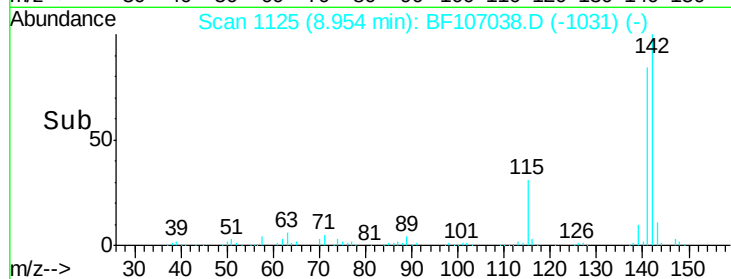
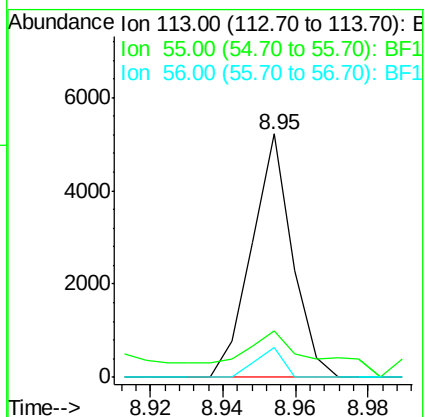
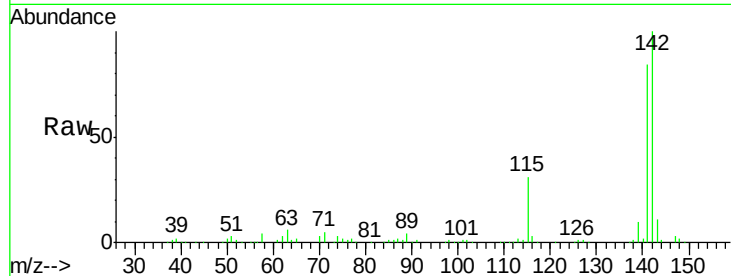




#35
 Caprolactam
 Concen: 3.141 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. 0.25 min
 Lab File: BF107038.D
 Acq: 2 Jul 2018 12:23

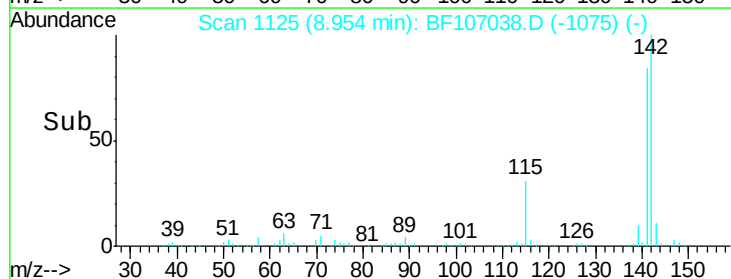
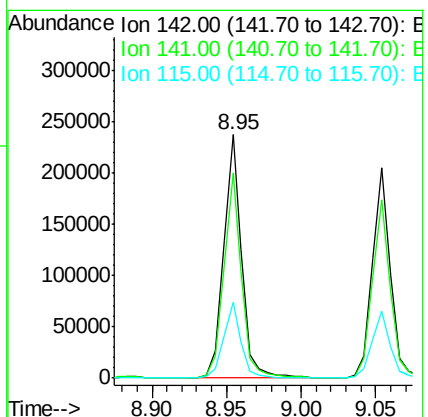
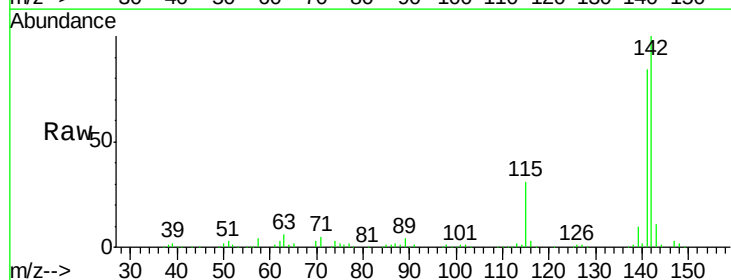
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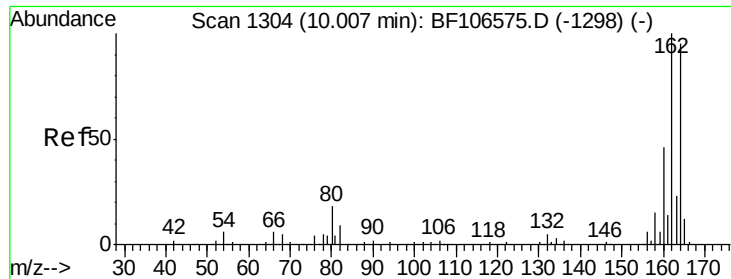
Tgt Ion:113 Resp: 4091
 Ion Ratio Lower Upper
 113 100
 55 19.1 163.3 203.3#
 56 12.1 115.7 155.7#



#37
 2-Methylnaphthalene
 Concen: 22.987 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF107038.D
 Acq: 2 Jul 2018 12:23

Tgt Ion:142 Resp: 202798
 Ion Ratio Lower Upper
 142 100
 141 84.3 70.8 106.2
 115 31.2 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

AREA-3(D)DLRE

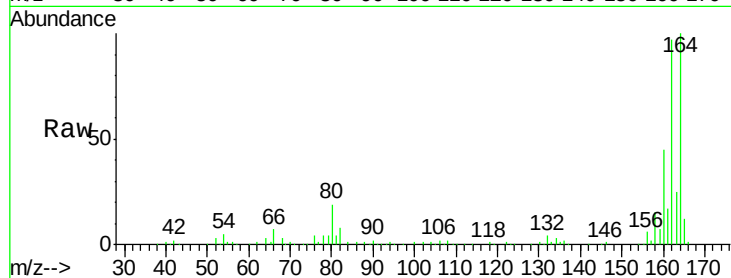
Tgt Ion:164 Resp: 129003

Ion Ratio Lower Upper

164 100

162 97.2 86.1 129.1

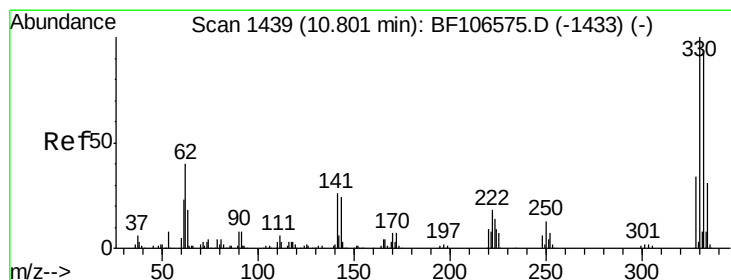
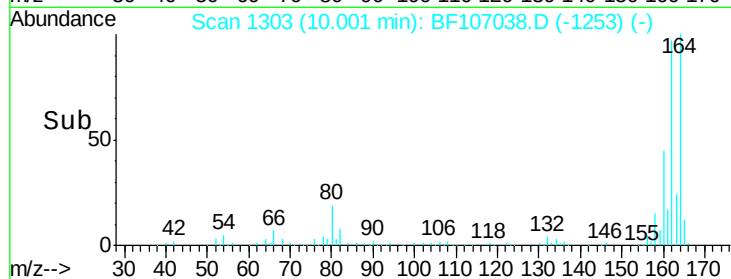
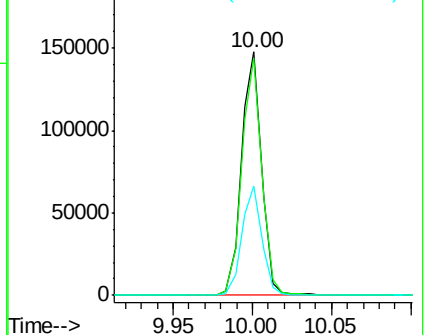
160 44.7 38.3 57.5



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: 2.798 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

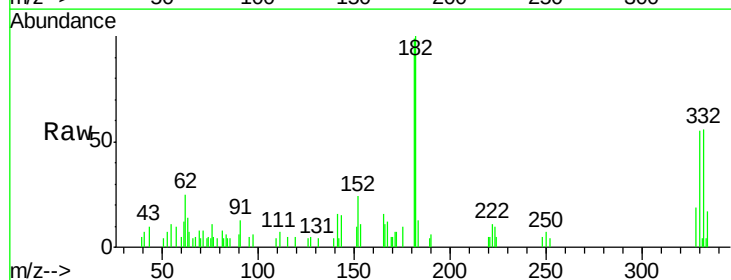
Tgt Ion:330 Resp: 4183

Ion Ratio Lower Upper

330 100

332 102.5 77.0 115.6

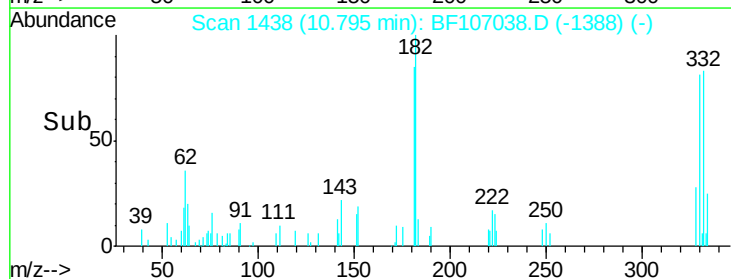
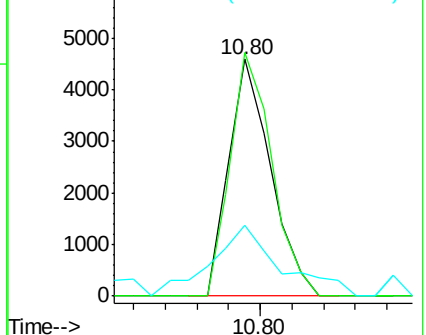
141 50.0 29.9 44.9#

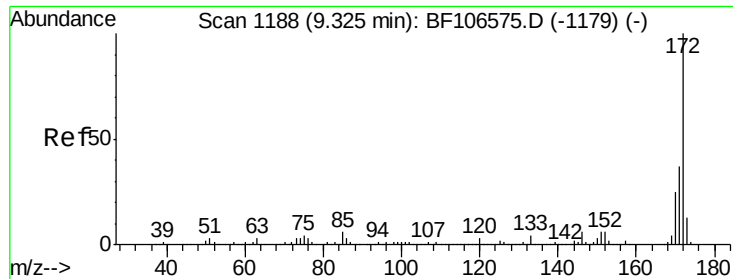


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

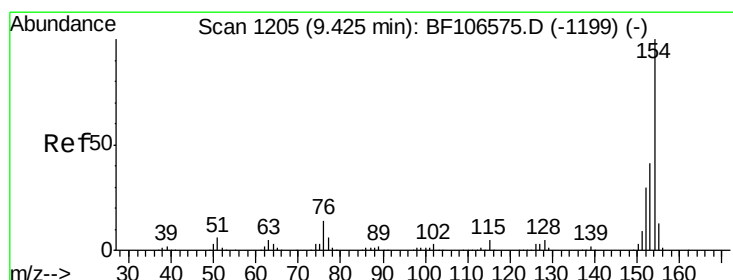
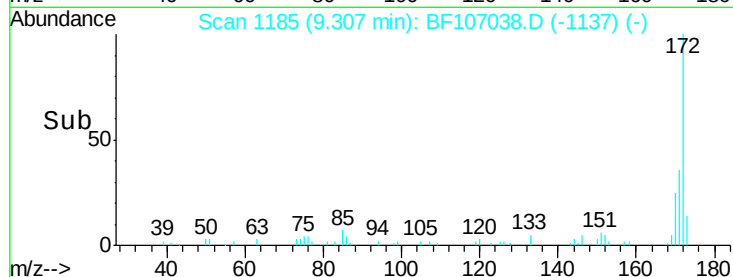
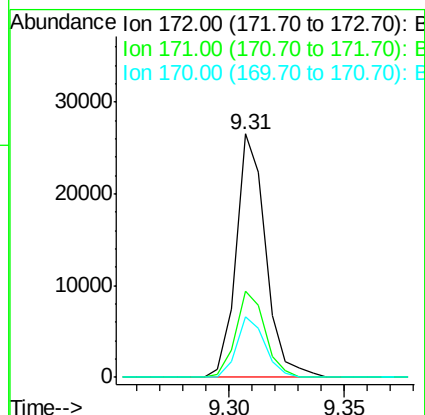
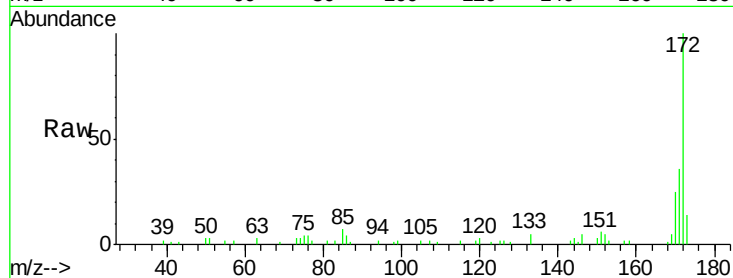




#44
 2-Fluorobiphenyl
 Concen: -14.087 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107038.D
 Acq: 2 Jul 2018 12:23

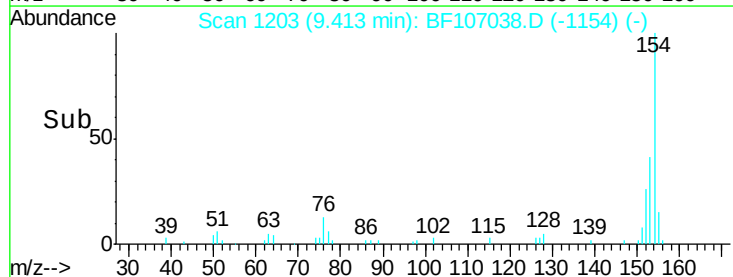
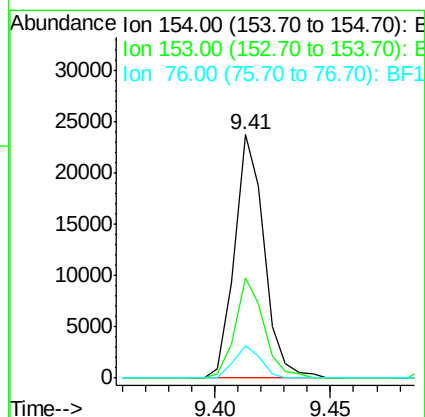
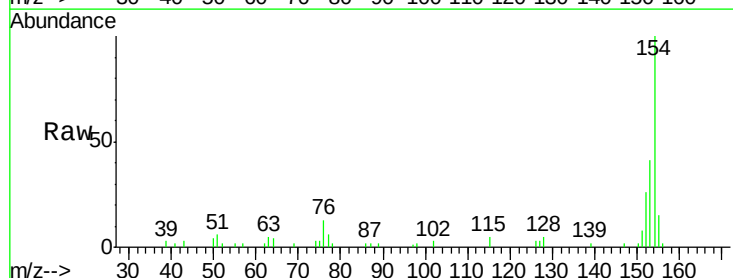
Instrument :
 BNA_F
 ClientSampleId :
 AREA-3(D)DLRE

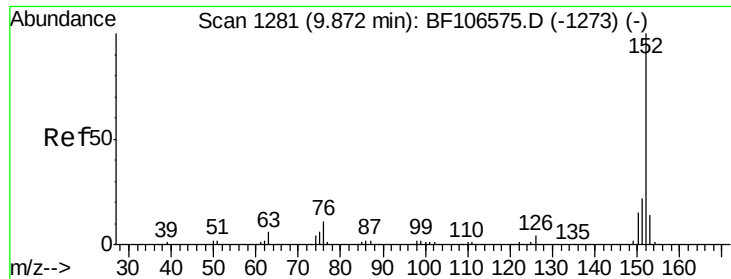
Tgt Ion:172 Resp: 23693
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 25.1 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 2.062 ng
 RT: 9.41 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF107038.D
 Acq: 2 Jul 2018 12:23

Tgt Ion:154 Resp: 21199
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 13.4 0.0 34.0





#48

Acenaphthylene

Concen: 3.972 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

AREA-3(D)DLRE

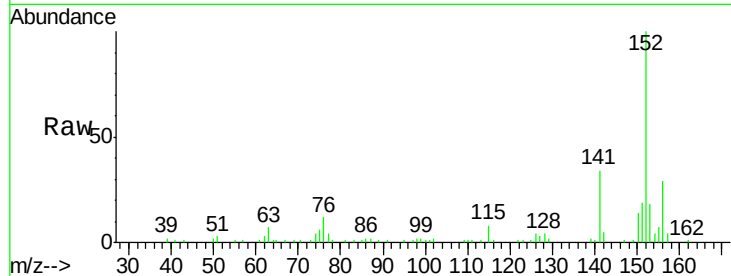
Tgt Ion:152 Resp: 50754

Ion Ratio Lower Upper

152 100

151 19.4 16.3 24.5

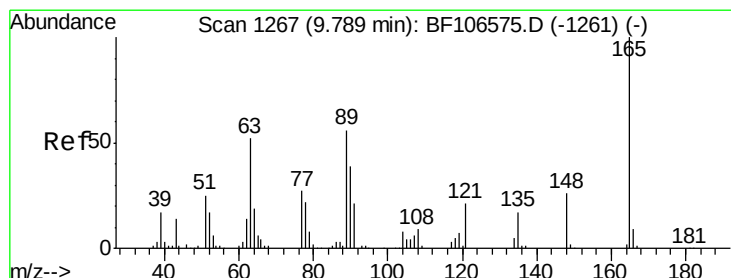
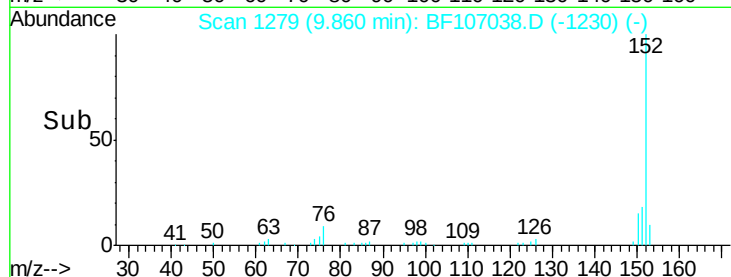
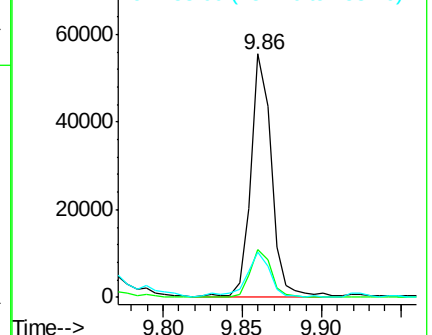
153 18.4 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 9.999 ng

RT: 10.00 min Scan# 1303

Delta R.T. 0.21 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

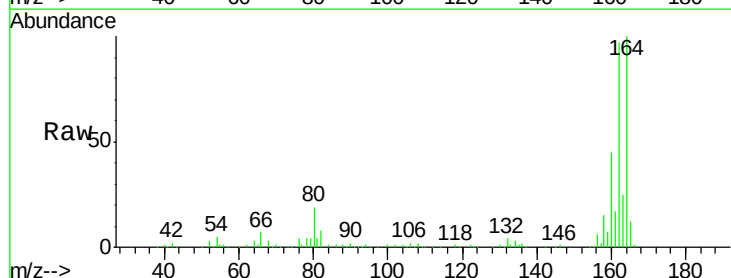
Tgt Ion:165 Resp: 20486

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

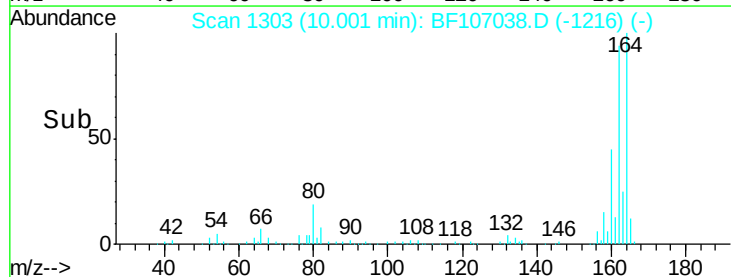
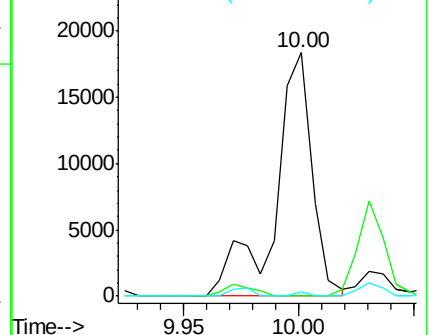
89 1.7 44.0 66.0#

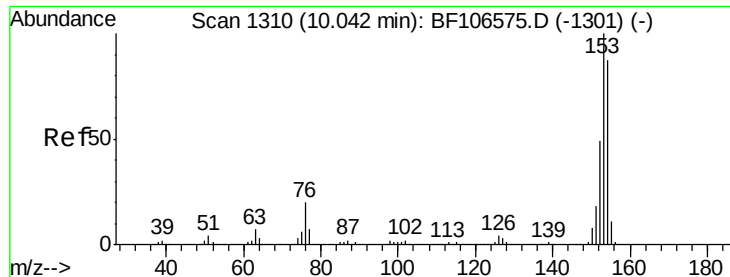


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

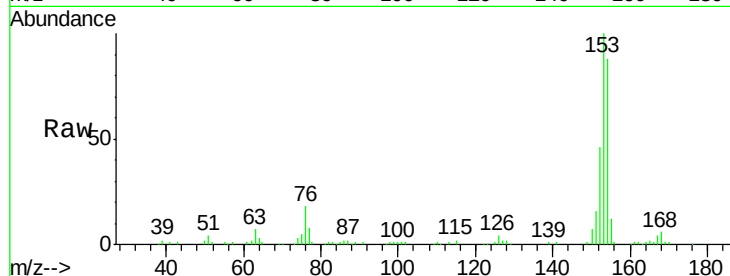




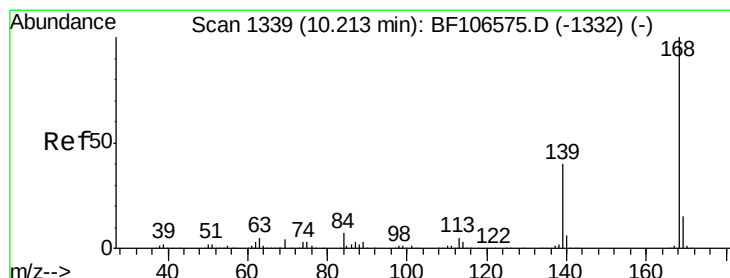
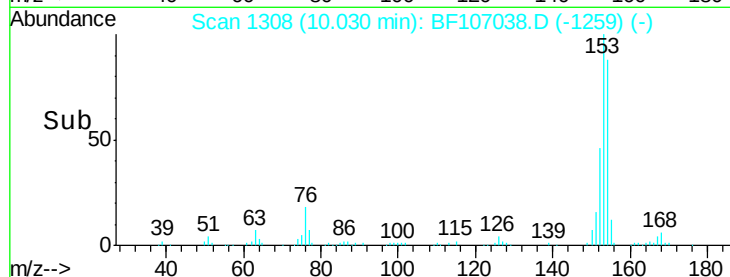
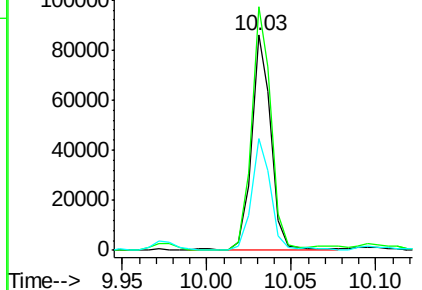
#51
Acenaphthene
Concen: 8.643 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF107038.D
Acq: 2 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
AREA-3(D)DLRE

Tgt Ion:154 Resp: 69537
Ion Ratio Lower Upper
154 100
153 113.3 91.2 136.8
152 51.9 43.8 65.8

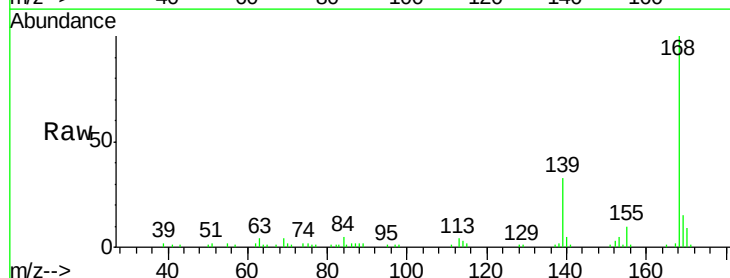


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

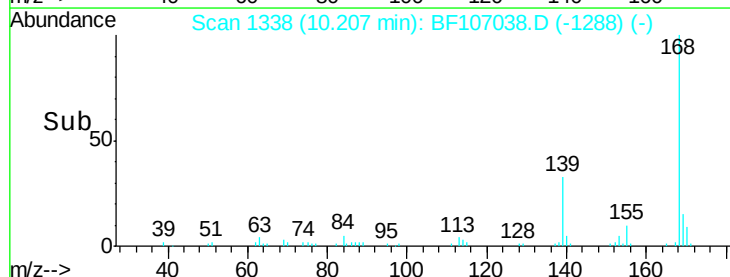
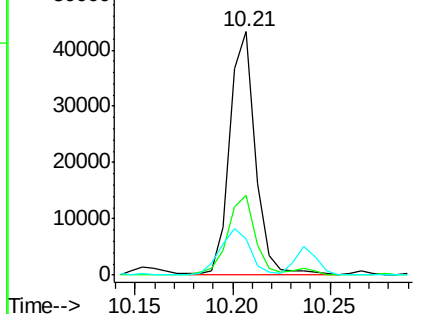


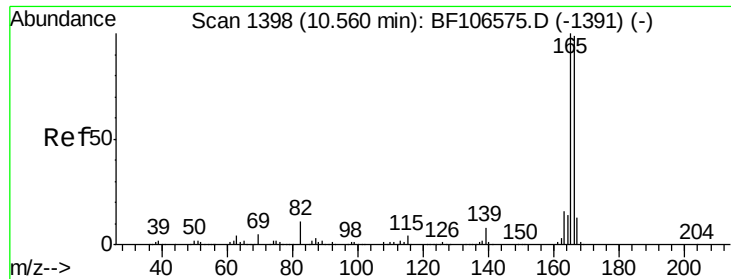
#54
Dibenzofuran
Concen: 3.618 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107038.D
Acq: 2 Jul 2018 12:23

Tgt Ion:168 Resp: 39854
Ion Ratio Lower Upper
168 100
139 32.7 30.1 45.1
169 14.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 13.283 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

AREA-3(D)DLRE

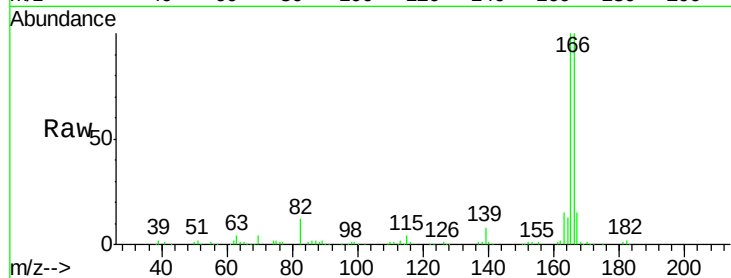
Tgt Ion:166 Resp: 116119

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

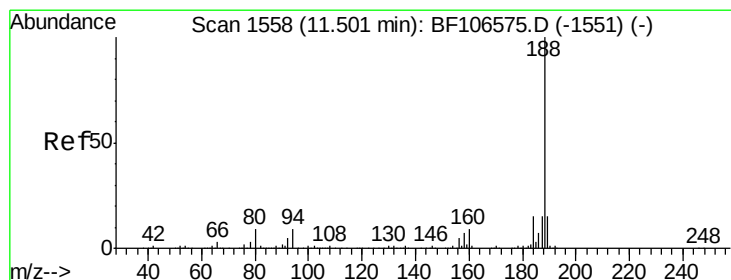
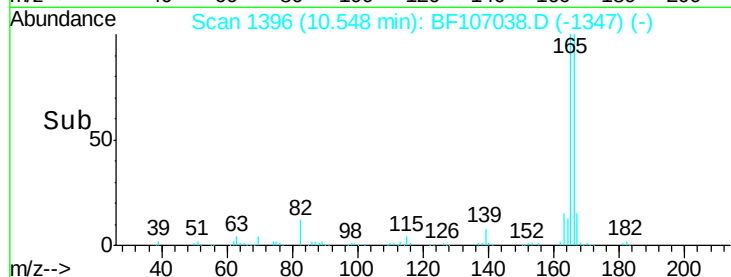
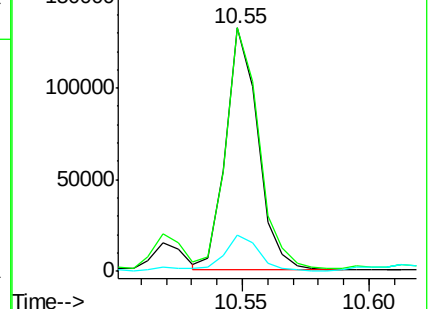
167 14.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

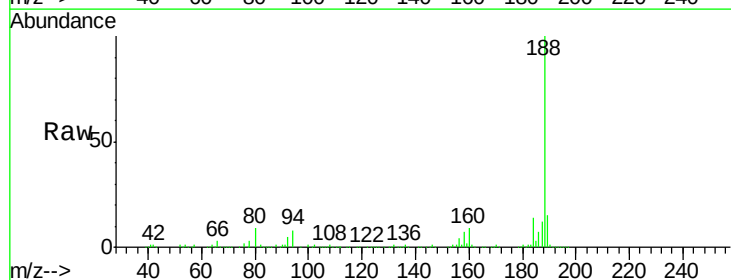
Tgt Ion:188 Resp: 222481

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

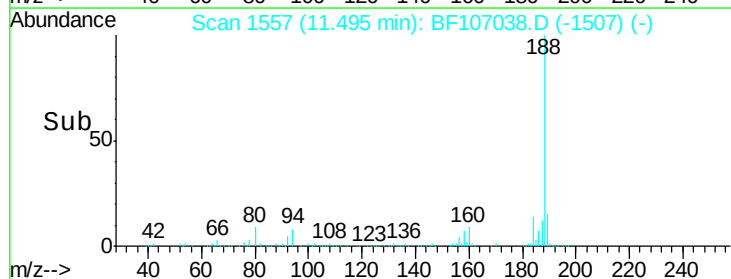
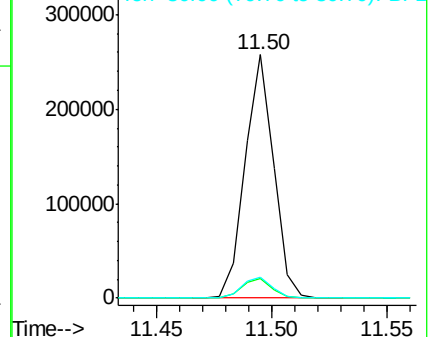
80 8.5 9.2 13.8#

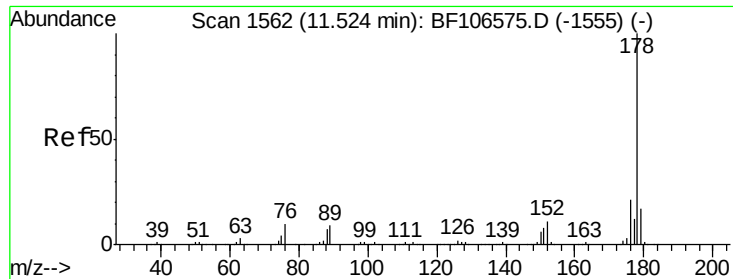


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

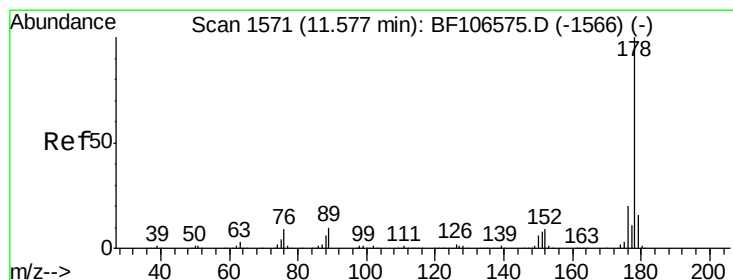
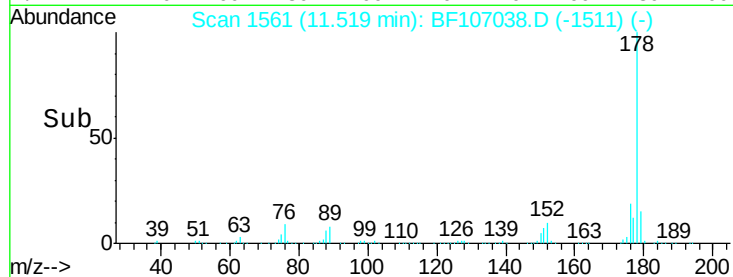
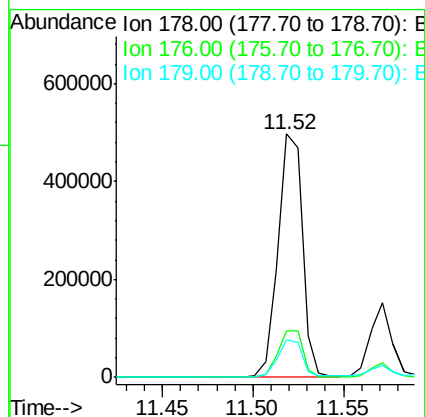
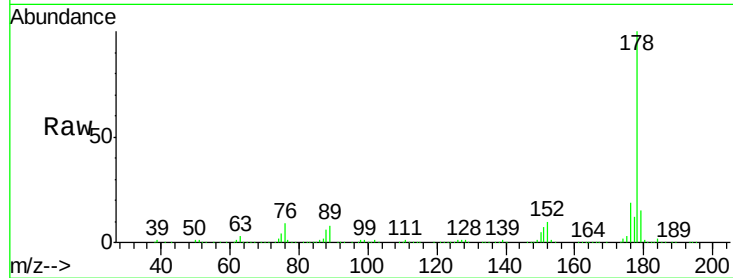




#70
Phenanthrene
Concen: 43.421 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107038.D
Acq: 2 Jul 2018 12:23

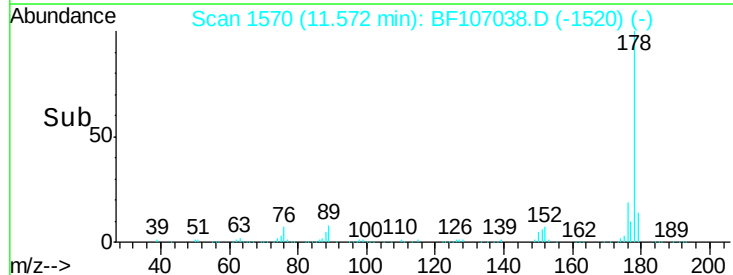
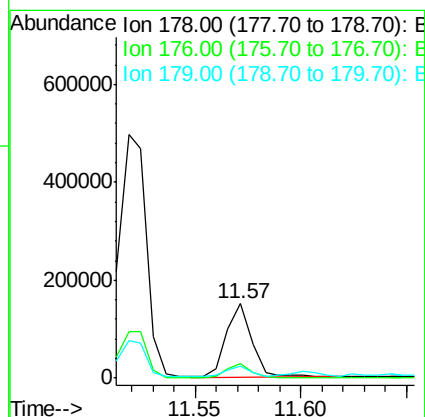
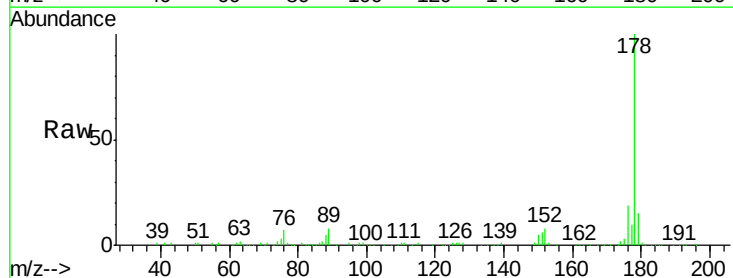
Instrument :
BNA_F
ClientSampleId :
AREA-3(D)DLRE

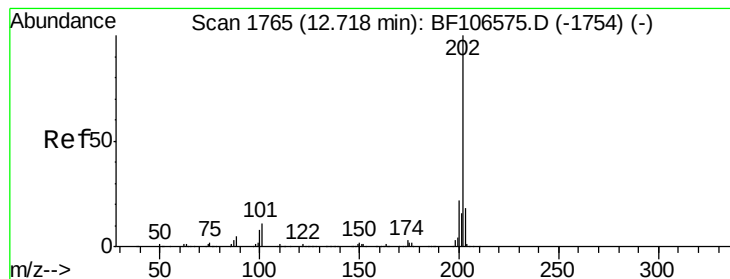
Tgt Ion:178 Resp: 465943
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.5 13.0 19.6



#71
Anthracene
Concen: 11.493 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107038.D
Acq: 2 Jul 2018 12:23

Tgt Ion:178 Resp: 125887
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.2 12.6 19.0





#74

Fluoranthene

Concen: 26.033 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

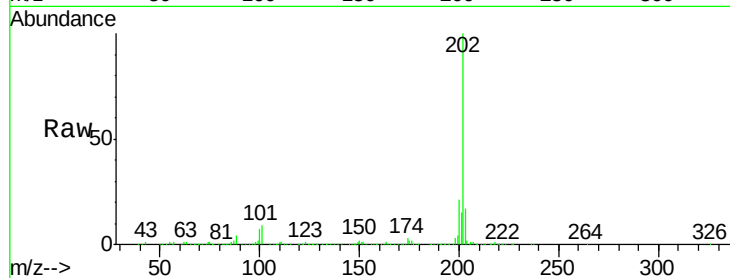
Instrument :

BNA_F

ClientSampleId :

AREA-3(D)DLRE

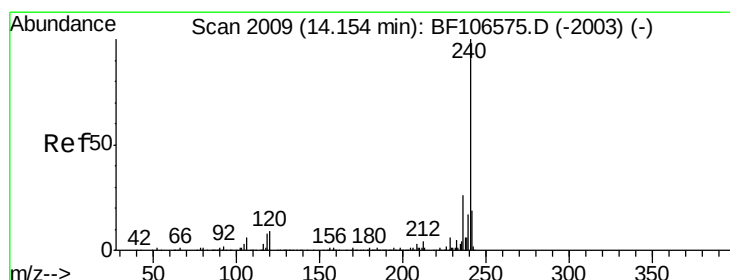
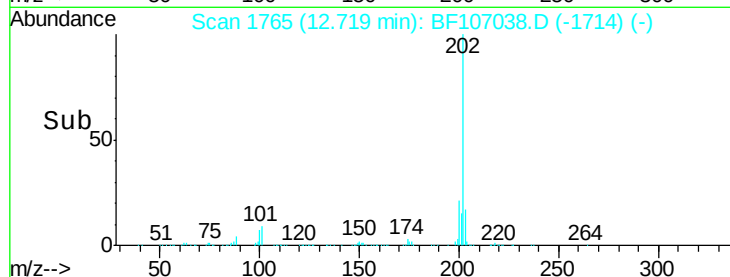
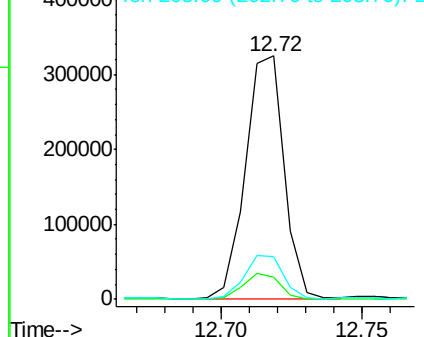
Tgt Ion:	202	Resp:	307897
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	34.1
203	17.3	0.0	38.1



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

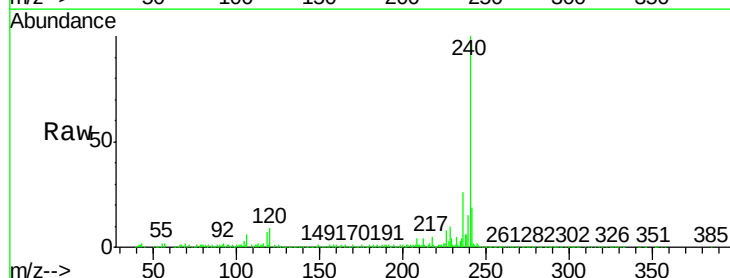
RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

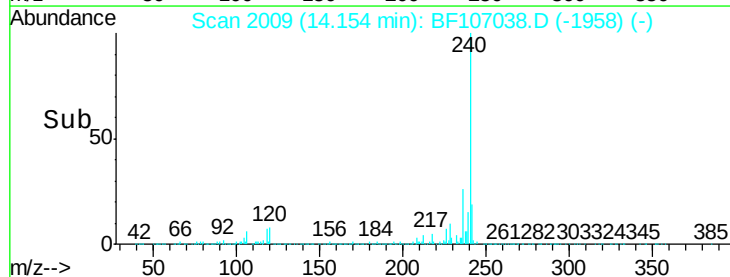
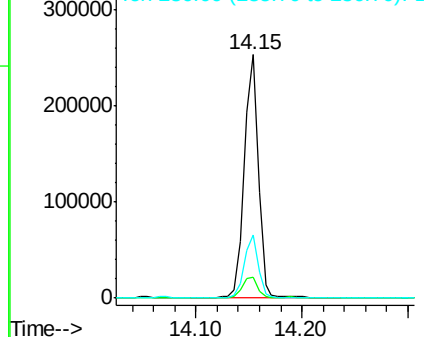
Tgt Ion:	240	Resp:	229209
Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	26.1	20.7	31.1

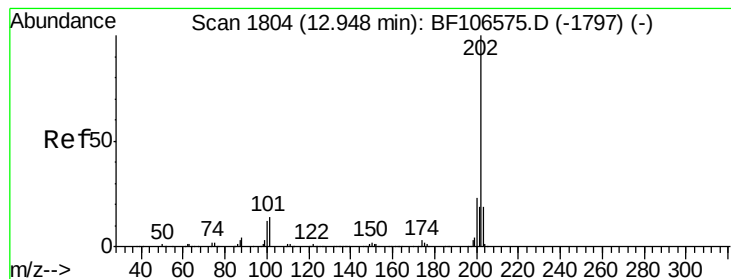


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 26.243 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

AREA-3(D)DLRE

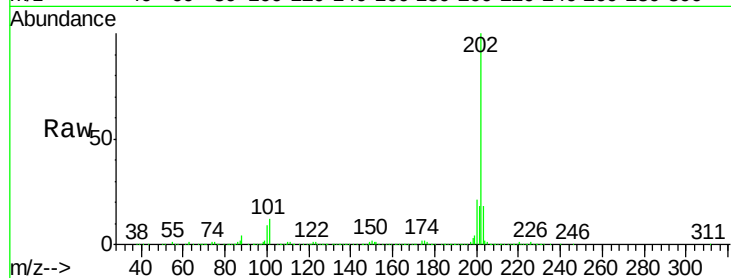
Tgt Ion:202 Resp: 396656

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

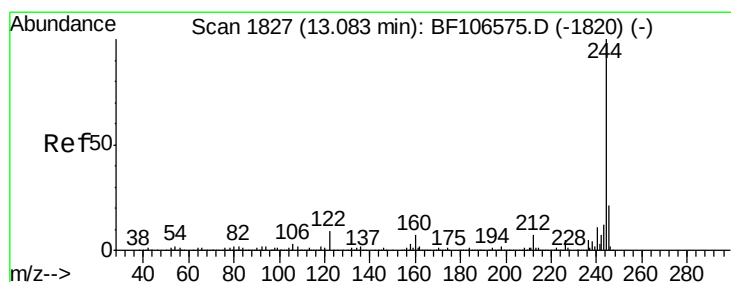
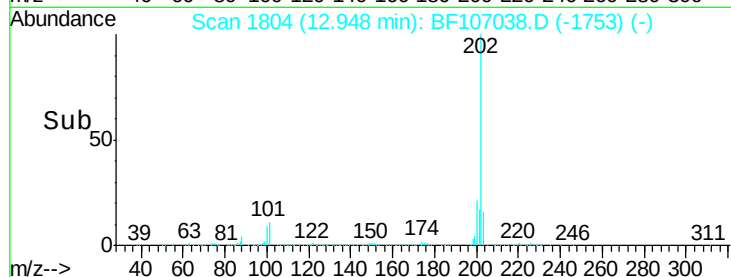
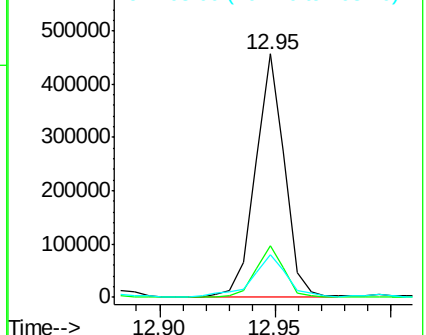
203 17.8 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 2.595 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

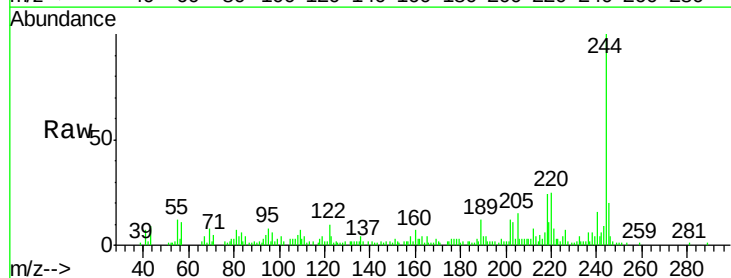
Tgt Ion:244 Resp: 24551

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

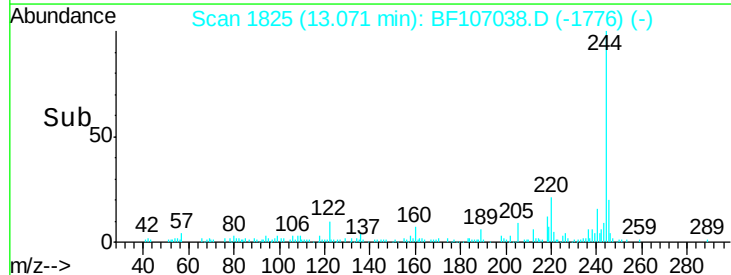
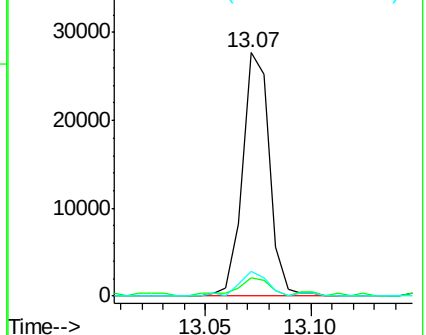
122 10.4 11.0 16.4#

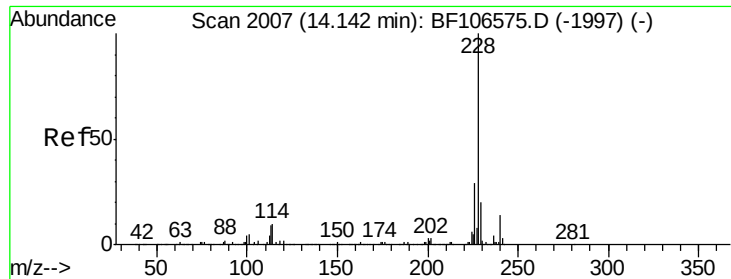


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 13.060 ng

RT: 14.14 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

AREA-3(D)DLRE

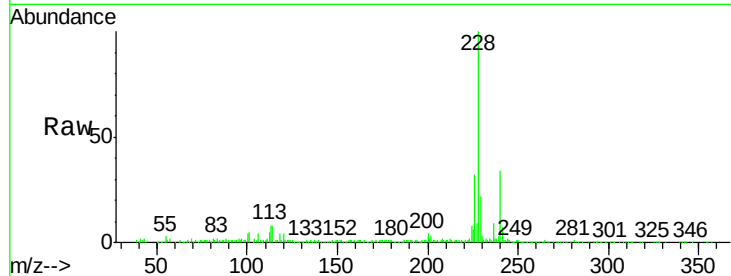
Tgt Ion:228 Resp: 182446

Ion Ratio Lower Upper

228 100

226 32.3 22.6 33.8

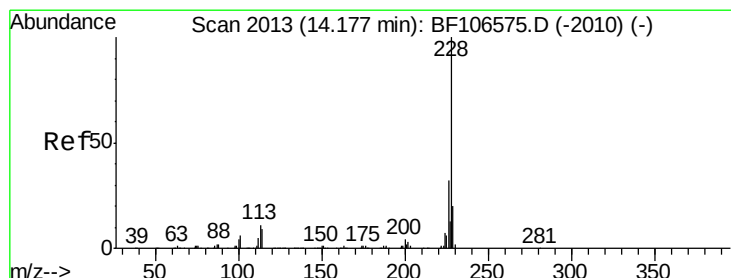
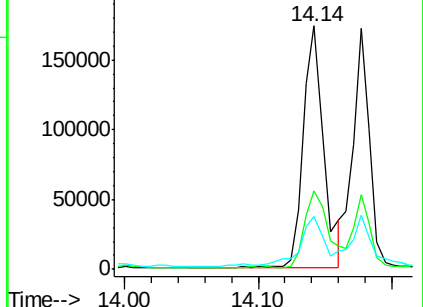
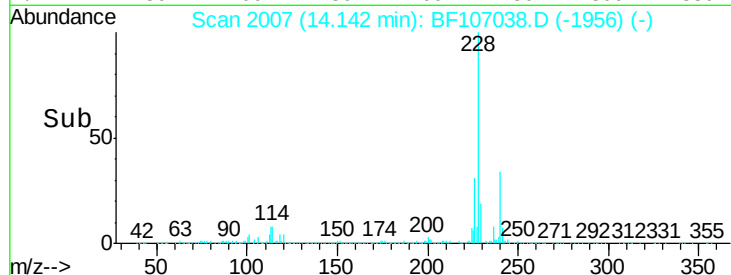
229 21.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 11.731 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

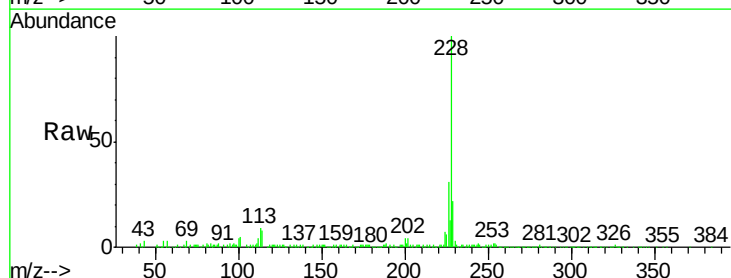
Tgt Ion:228 Resp: 150769

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

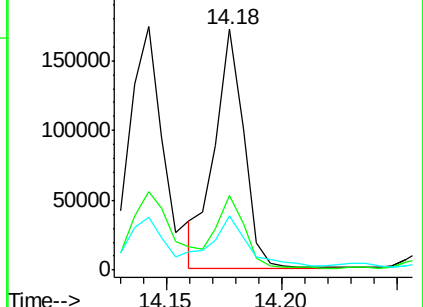
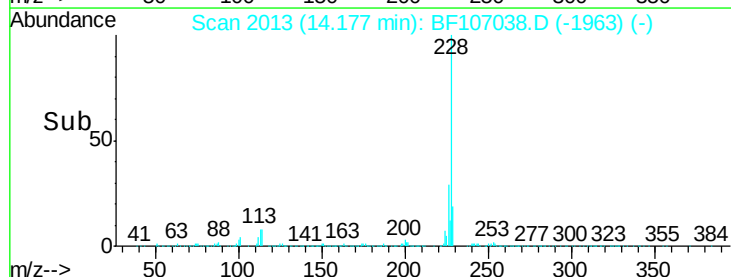
229 22.3 16.2 24.4

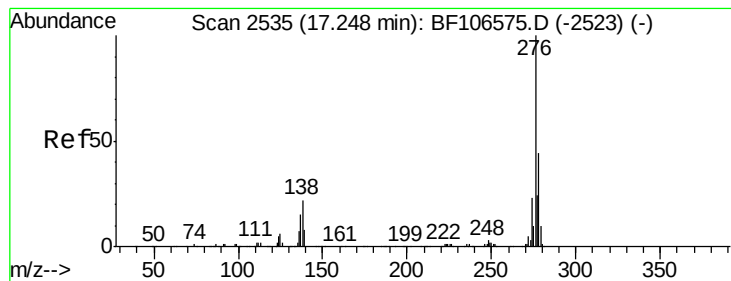


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.388 ng

RT: 17.28 min Scan# 2541

Delta R.T. 0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

AREA-3(D)DLRE

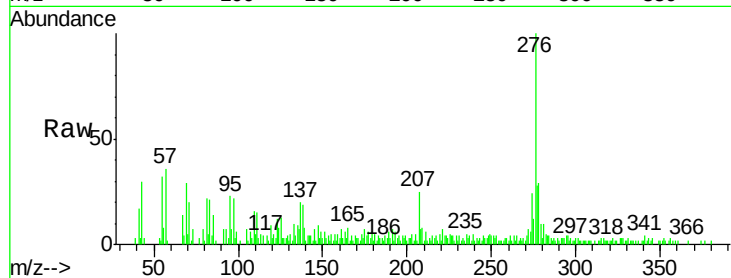
Tgt Ion:276 Resp: 36949

Ion Ratio Lower Upper

276 100

138 20.8 25.0 37.6#

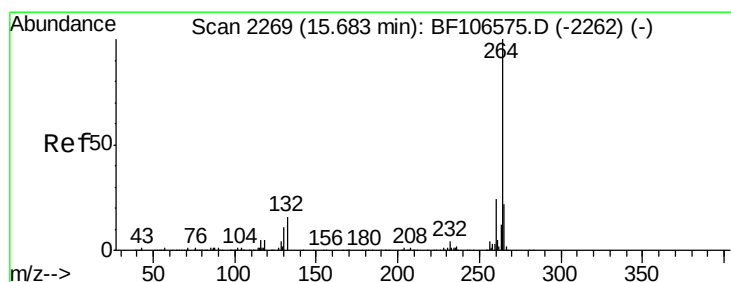
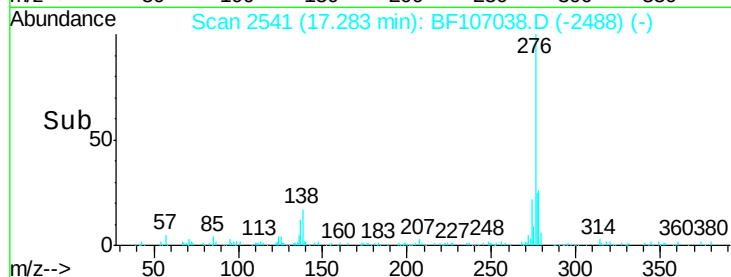
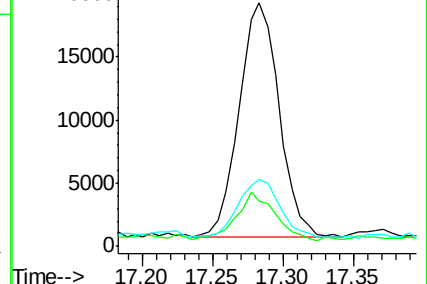
277 25.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

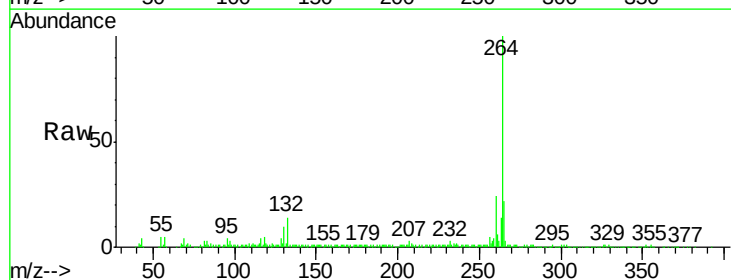
Tgt Ion:264 Resp: 174640

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

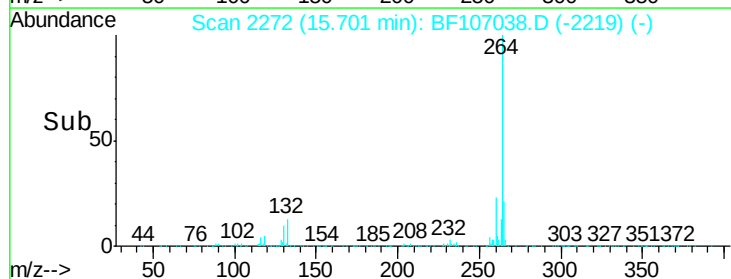
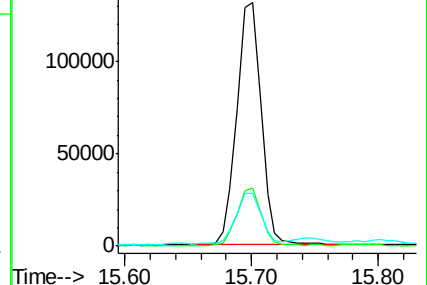
265 21.8 17.5 26.3

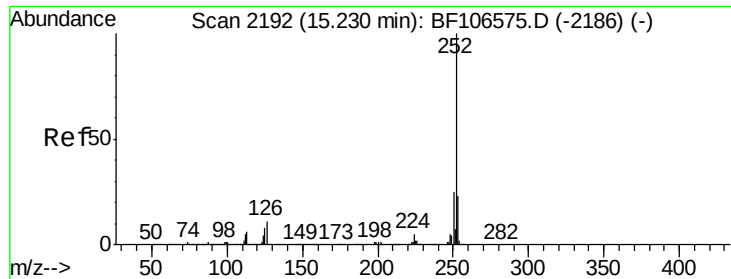


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 13.648 ng

RT: 15.24 min Scan# 2193

Delta R.T. 0.00 min

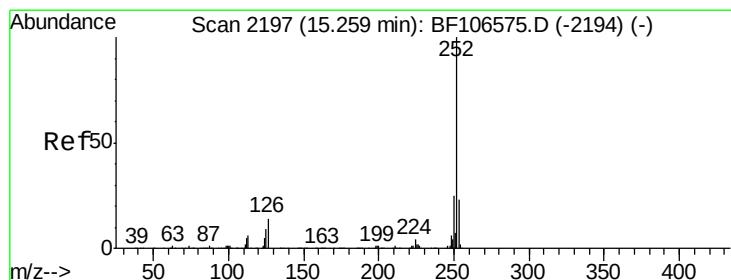
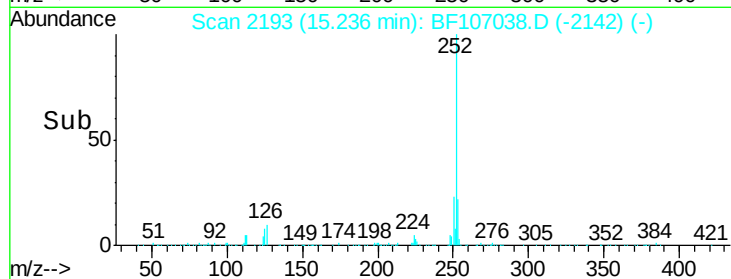
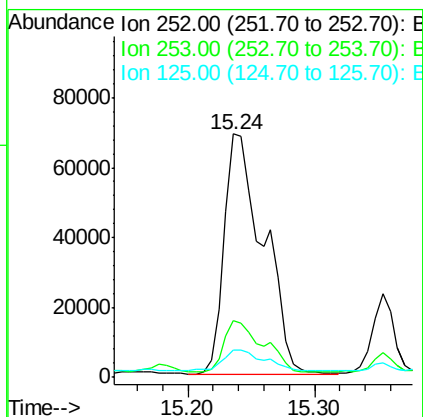
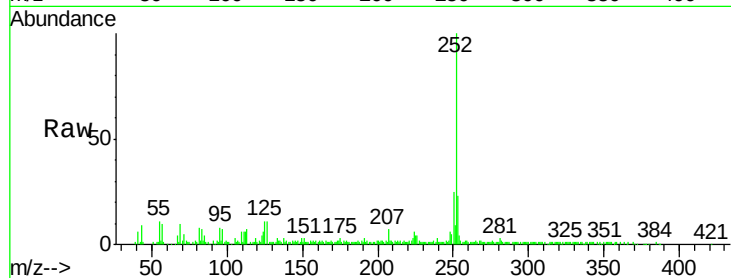
Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Instrument :
BNA_F
ClientSampleId :
AREA-3(D)DLRE

Tgt Ion:252 Resp: 148059

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	11.0	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 14.331 ng

RT: 15.24 min Scan# 2193

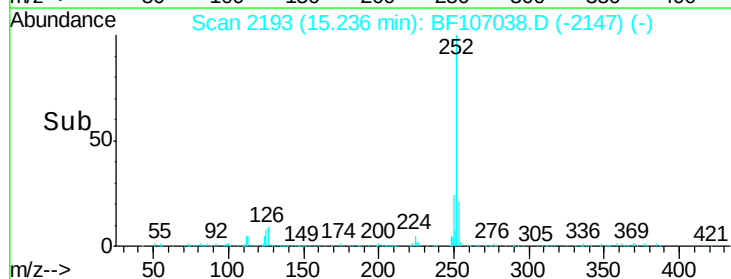
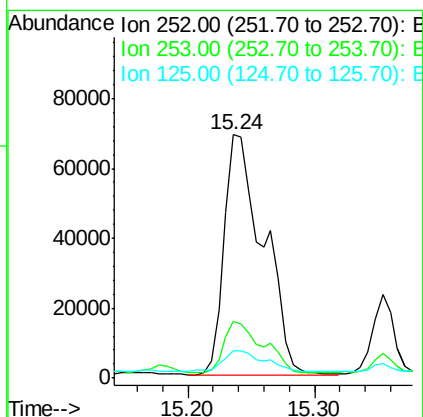
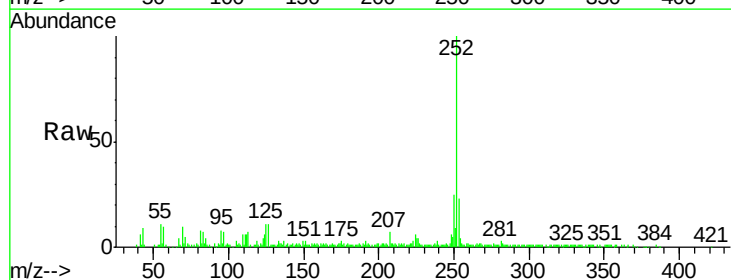
Delta R.T. -0.03 min

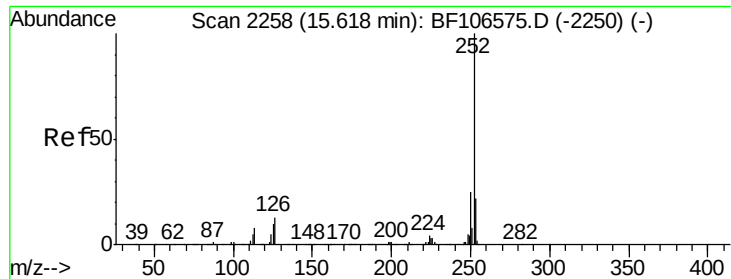
Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Tgt Ion:252 Resp: 148059

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	11.0	10.2	15.2





#89

Benzo(a)pyrene

Concen: 10.250 ng

RT: 15.63 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

Instrument :

BNA_F

ClientSampleId :

AREA-3(D)DLRE

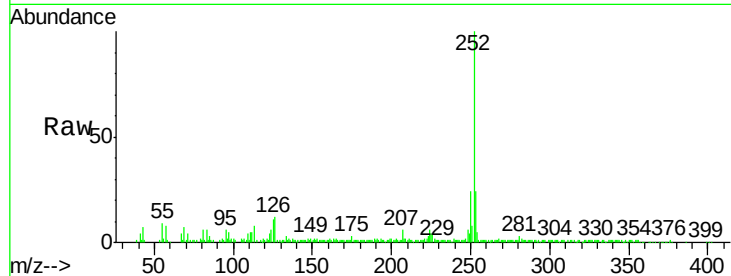
Tgt Ion:252 Resp: 98850

Ion Ratio Lower Upper

252 100

253 23.9 17.1 25.7

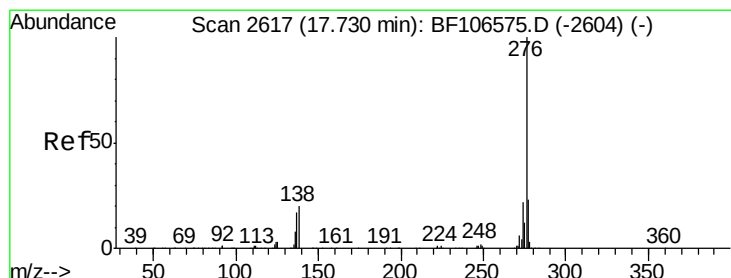
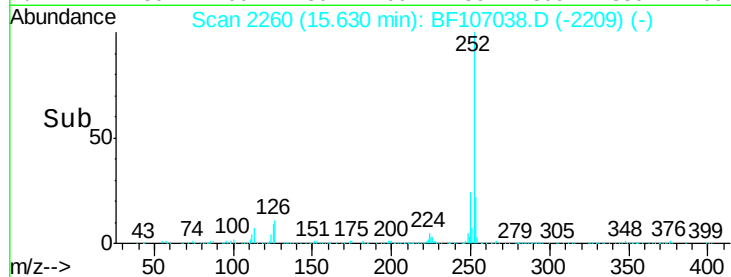
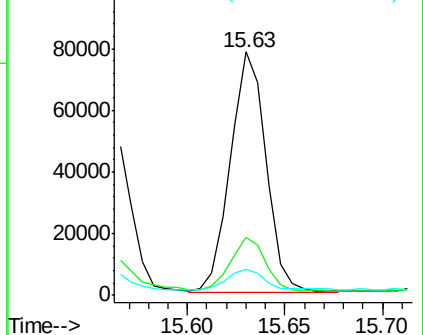
125 10.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 4.902 ng

RT: 17.77 min Scan# 2624

Delta R.T. 0.02 min

Lab File: BF107038.D

Acq: 2 Jul 2018 12:23

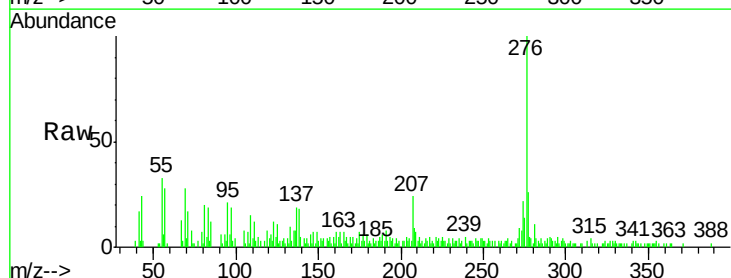
Tgt Ion:276 Resp: 39164

Ion Ratio Lower Upper

276 100

277 25.8 17.9 26.9

138 18.5 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

