

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
 Data File : BF107591.D
 Acq On : 23 Jul 2018 16:38
 Operator : JU/SJ
 Sample : J4030-08 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB7-12-7

Quant Time: Jul 23 18:15:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	288328	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1058033	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	381298	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	698545	20.00	ng	0.00
75) Chrysene-d12	14.17	240	556301	20.00	ng	0.00
86) Perylene-d12	15.72	264	409972	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	291769	16.27	ng	0.00
7) Phenol-d6	6.61	99	886494	41.17	ng	0.00
23) Nitrobenzene-d5	7.54	82	566434	36.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	24851	5.73	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1005322	37.77	ng	0.00
78) Terphenyl-d14	13.10	244	902839	41.55	ng	0.00

Target Compounds

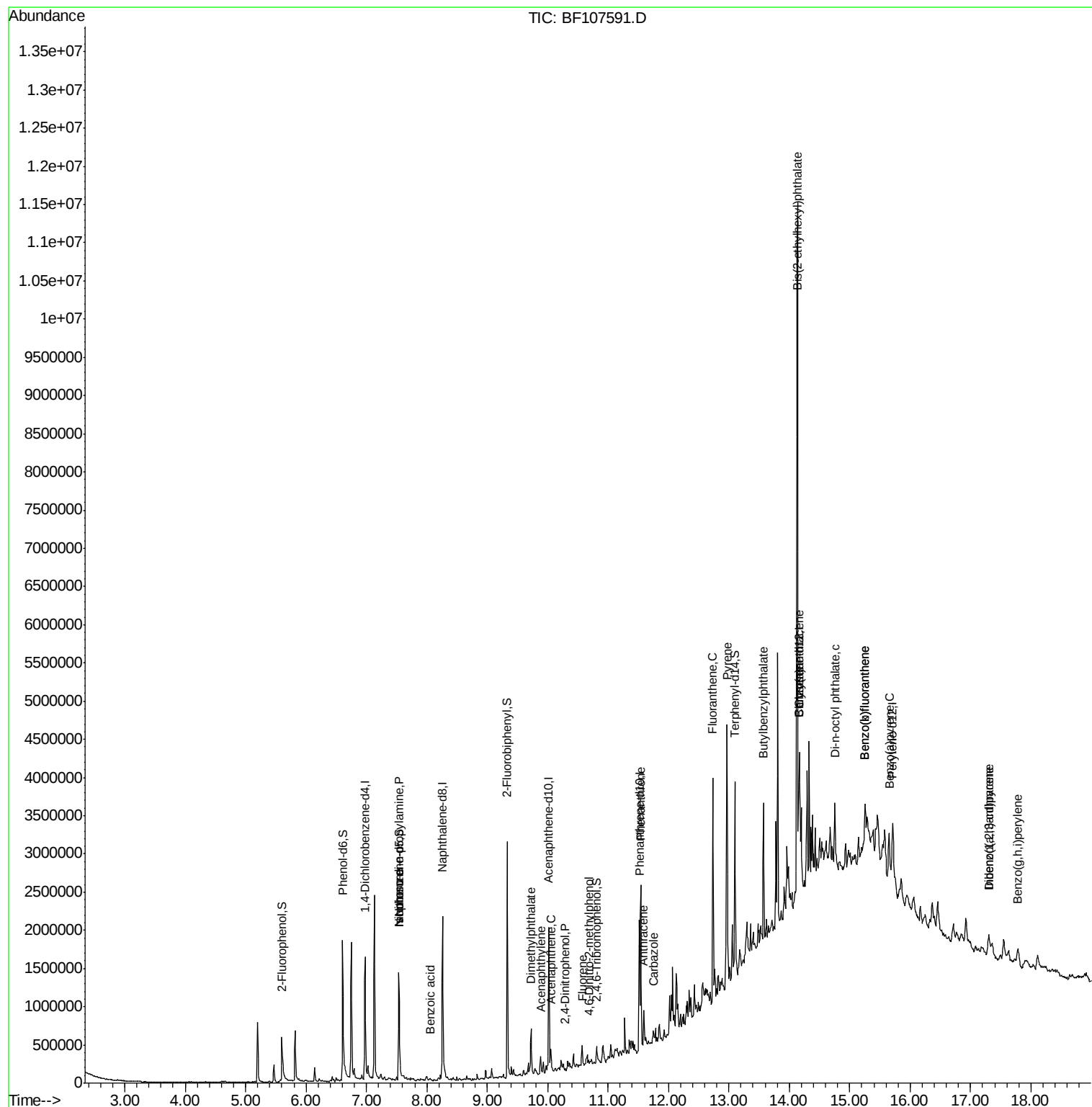
					Qvalue	
9) Benzaldehyde	6.75	77	11802	Below Cal		91
19) n-Nitroso-di-n-propylamine	7.54	70	72186	5.189 ng	#	83
25) Isophorone	7.54	82	565479	16.893 ng	#	64
32) Benzoic acid	8.05	122	1825	8.052 ng	#	73
48) Acenaphthylene	9.88	152	91580	2.401 ng		99
49) Dimethylphthalate	9.72	163	206277	7.178 ng	#	99
51) Acenaphthene	10.05	154	56648	2.371 ng		97
53) 2,4-Dinitrophenol	10.30	184	151	8.357 ng	#	31
57) Fluorene	10.57	166	97310	3.877 ng		91
64) 4,6-Dinitro-2-methylphenol	10.68	198	117	8.709 ng	#	1
70) Phenanthrene	11.54	178	826156	24.270 ng		99
71) Anthracene	11.59	178	248056	7.238 ng		98
72) Carbazole	11.75	167	76258	2.140 ng		95
74) Fluoranthene	12.74	202	1288606	35.277 ng		98
77) Pyrene	12.97	202	1220050	32.063 ng		97
79) Butylbenzylphthalate	13.57	149	372516	22.764 ng		93
80) Benzo(a)anthracene	14.16	228	537015	16.473 ng		96
81) 3,3'-Dichlorobenzidine	14.09	252	4863	Below Cal	#	39
82) Chrysene	14.16	228	537015	17.148 ng		96
83) Bis(2-ethylhexyl)phthalate	14.14	149	3675829	159.197 ng	#	89
84) Di-n-octyl phthalate	14.75	149	502709	14.007 ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.30	276	205346	7.737 ng	#	91
87) Benzo(b)fluoranthene	15.25	252	627637	27.973 ng	#	85
88) Benzo(k)fluoranthene	15.25	252	627637	28.552 ng	#	88
89) Benzo(a)pyrene	15.65	252	337176	16.428 ng	#	92
90) Dibenzo(a,h)anthracene	17.31	278	50526	2.848 ng	#	60
91) Benzo(g,h,i)perylene	17.79	276	210361	12.021 ng	#	94

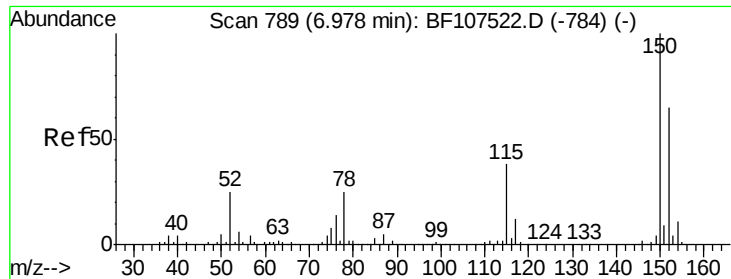
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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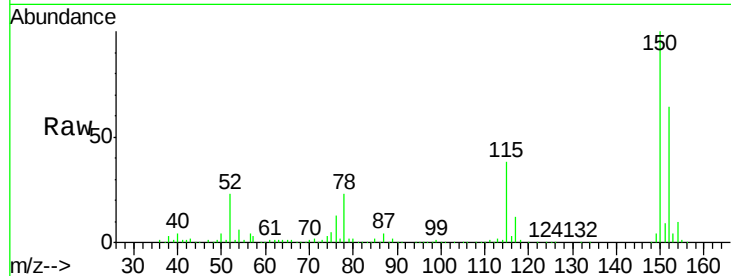


#1

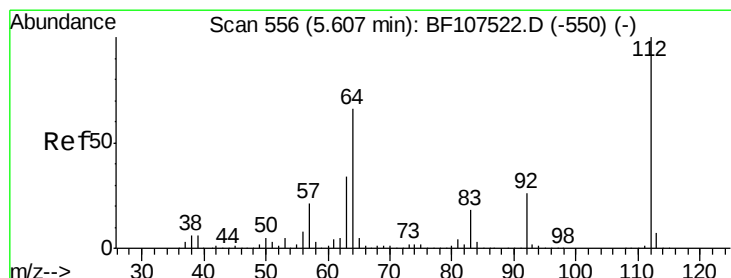
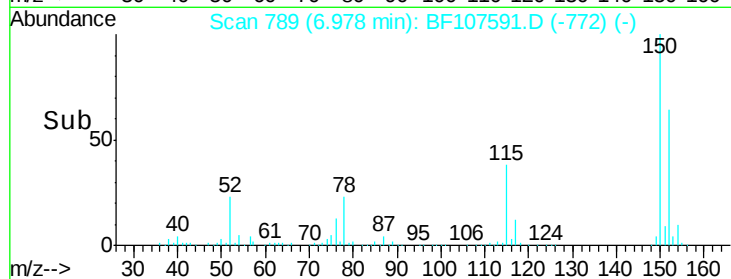
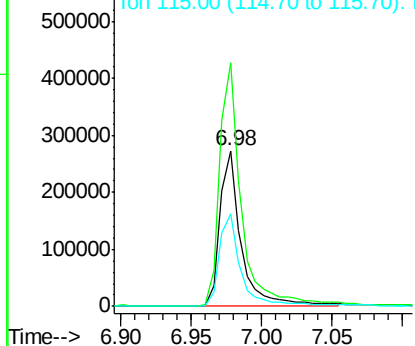
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:152 Resp: 288328
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 59.5 50.1 75.1



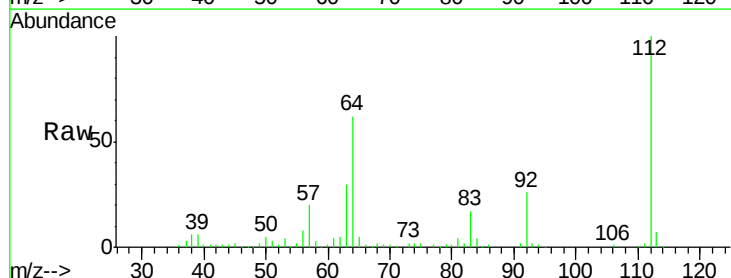
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



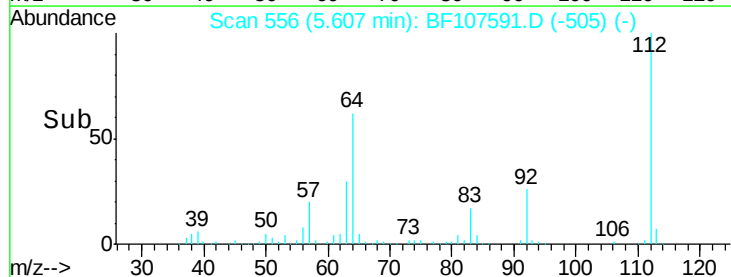
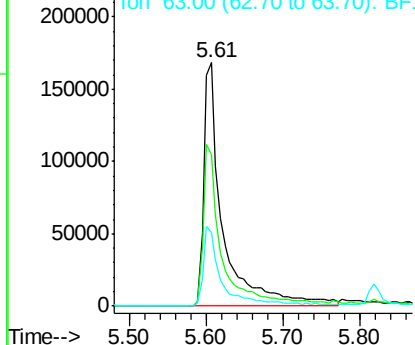
#5

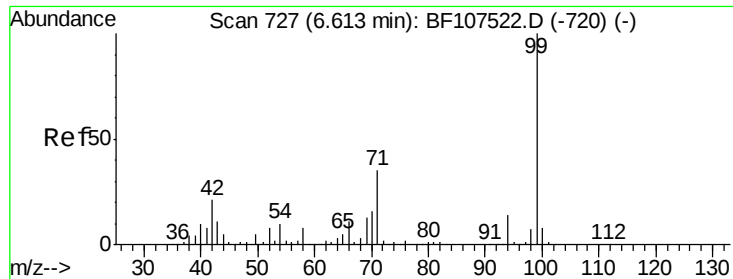
2-Fluorophenol
Concen: 16.270 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:112 Resp: 291769
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 30.2 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: 41.169 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SB7-12-7

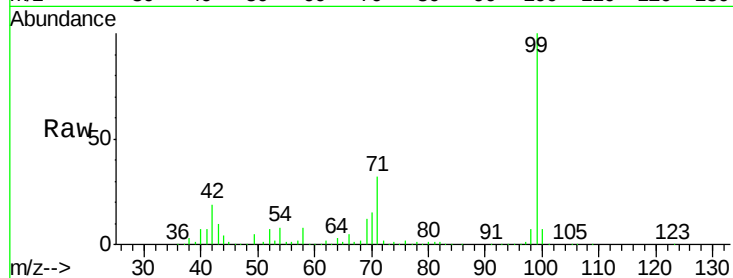
Tgt Ion: 99 Resp: 886494

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

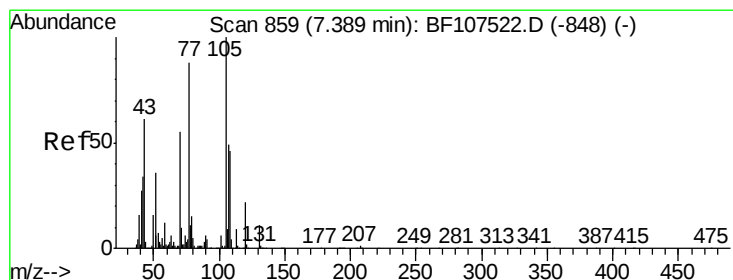
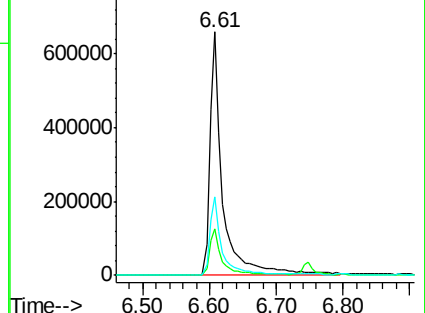
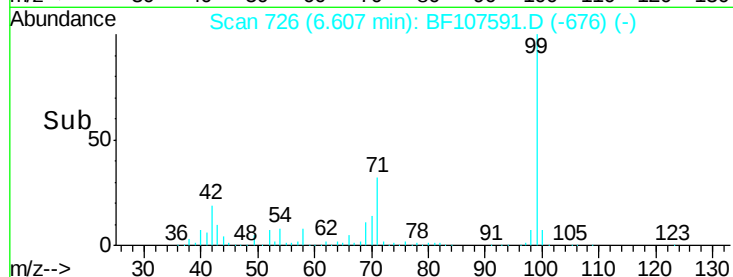
71 32.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.189 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

Tgt Ion: 70 Resp: 72186

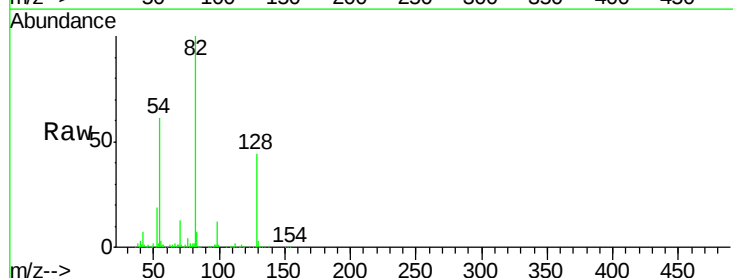
Ion Ratio Lower Upper

70 100

42 53.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

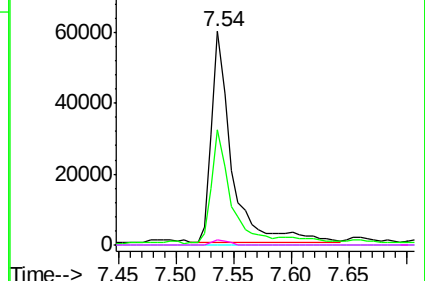
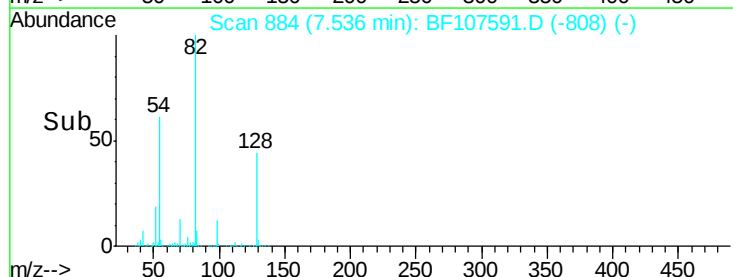


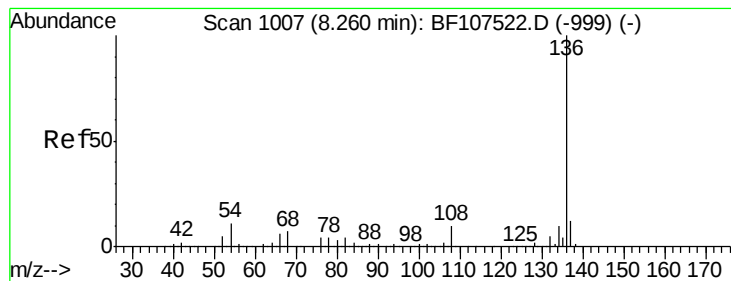
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SB7-12-7

Tgt Ion:136 Resp: 1058033

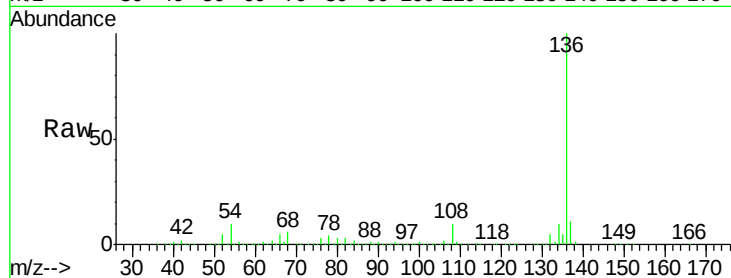
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.0 6.6 9.8#

68 6.1 5.0 7.4

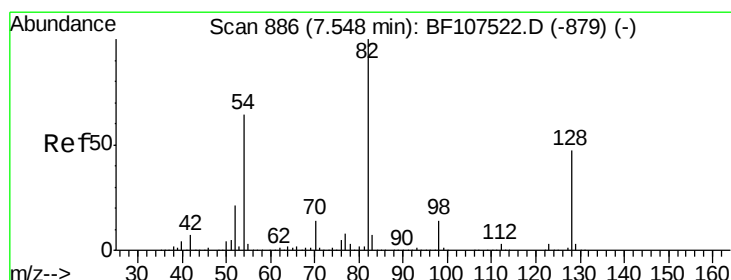
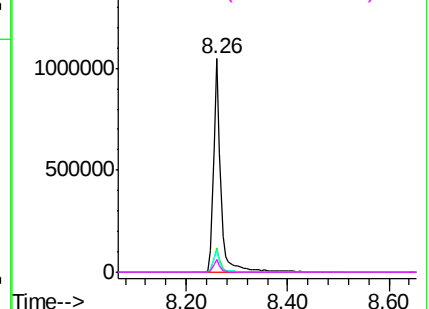
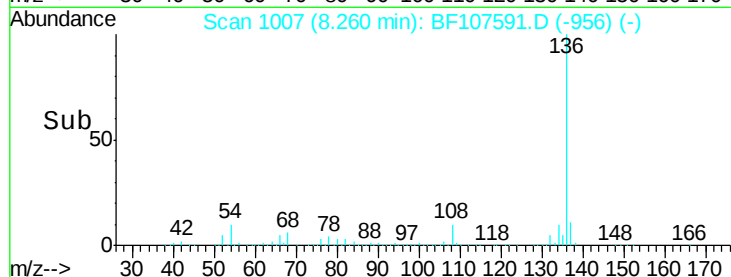


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.131 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

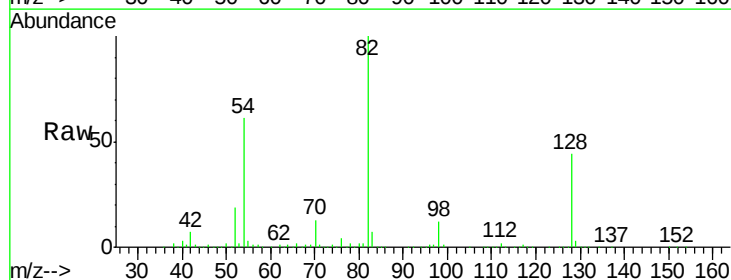
Tgt Ion: 82 Resp: 566434

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

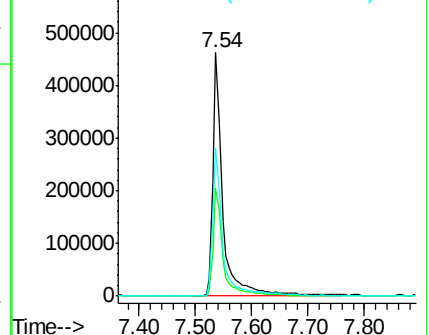
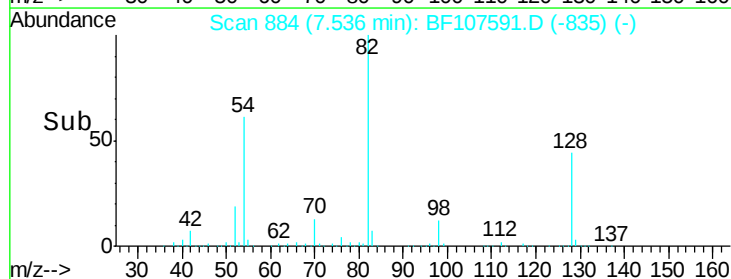
54 60.7 41.4 62.2

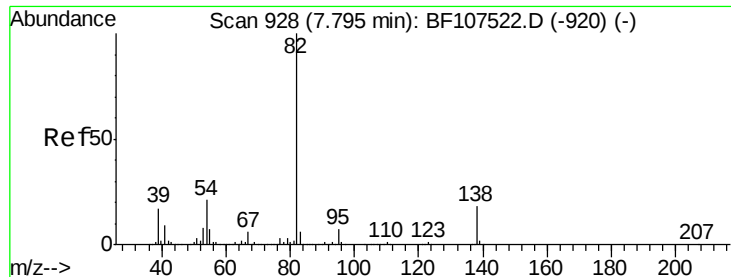


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

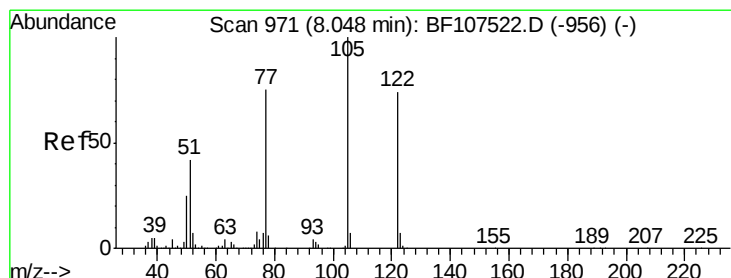
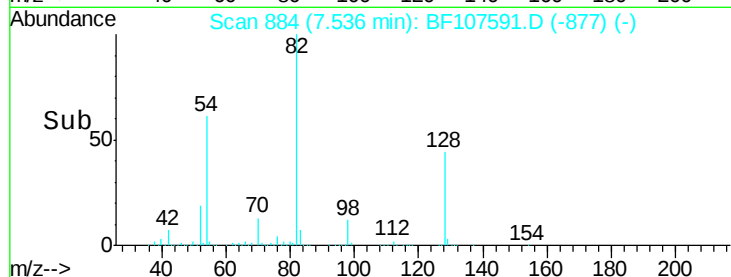
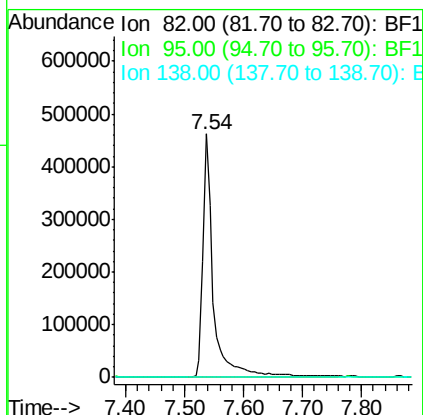
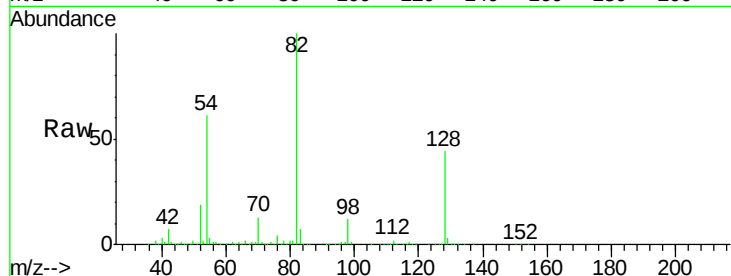




#25
Isophorone
Concen: 16.893 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

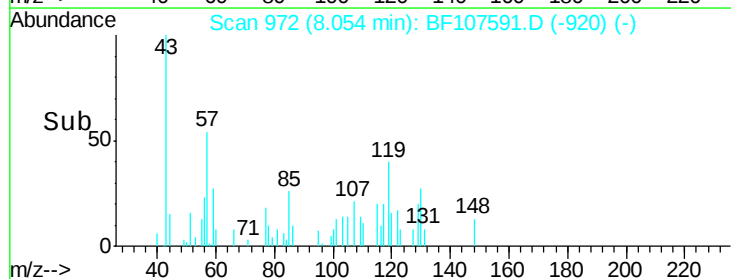
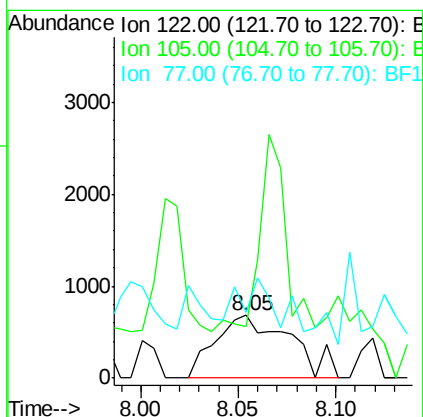
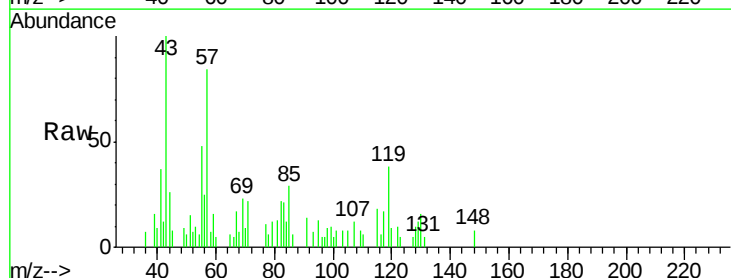
Instrument :
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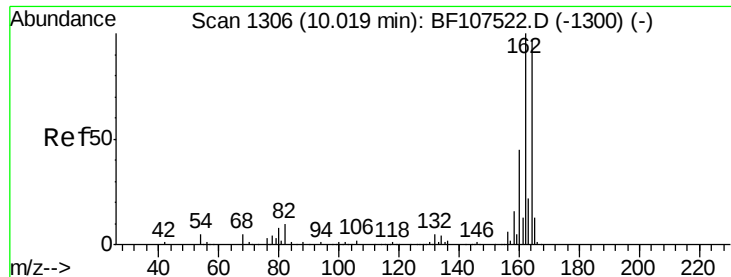
Tgt Ion: 82 Resp: 565479
Ion Ratio Lower Upper
82 100
95 0.3 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 8.052 ng
RT: 8.05 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion: 122 Resp: 1825
Ion Ratio Lower Upper
122 100
105 82.0 101.1 141.1#
77 105.1 70.7 110.7

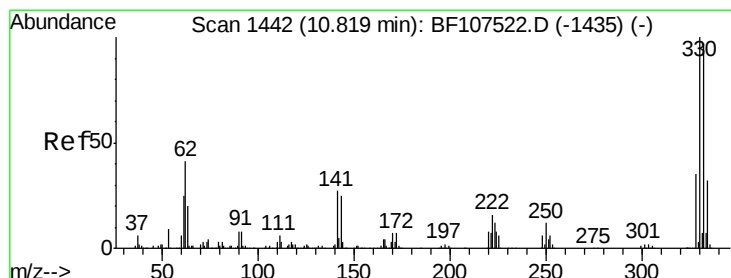
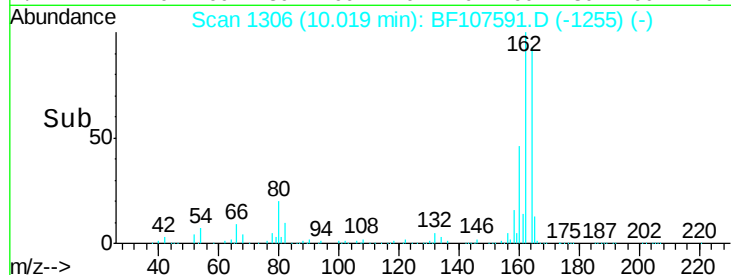
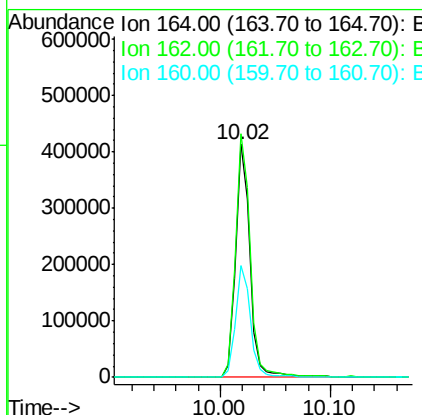
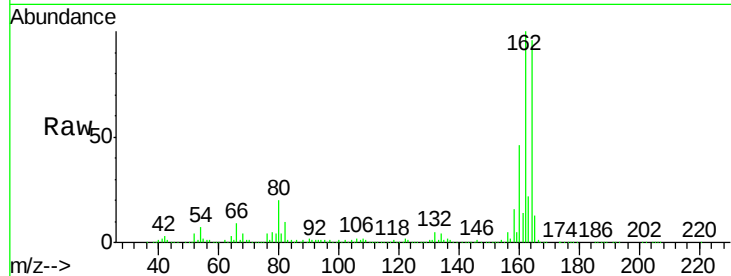




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF107591.D
 Acq: 23 Jul 2018 16:38

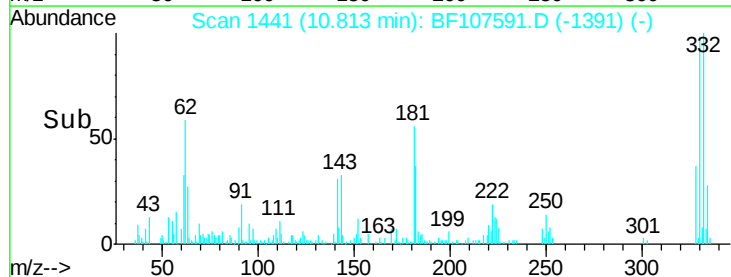
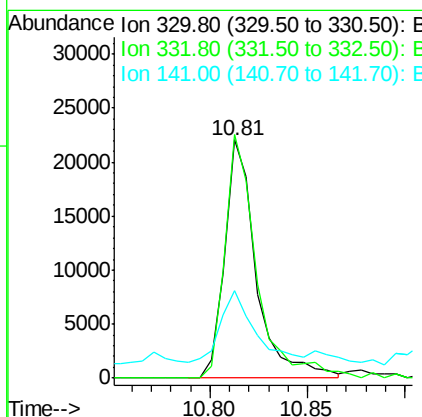
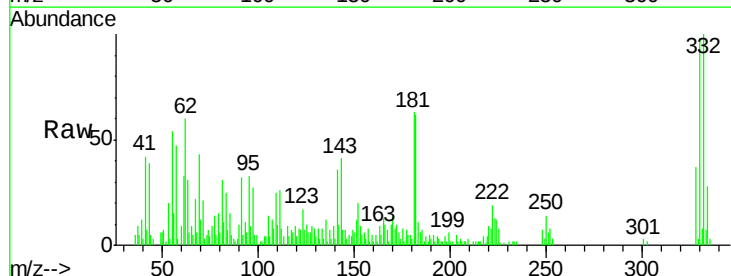
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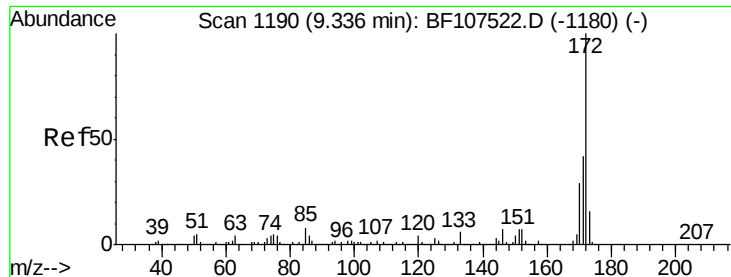
Tgt Ion:164 Resp: 381298
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 47.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 5.731 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107591.D
 Acq: 23 Jul 2018 16:38

Tgt Ion:330 Resp: 24851
 Ion Ratio Lower Upper
 330 100
 332 102.7 77.0 115.6
 141 31.2 29.9 44.9

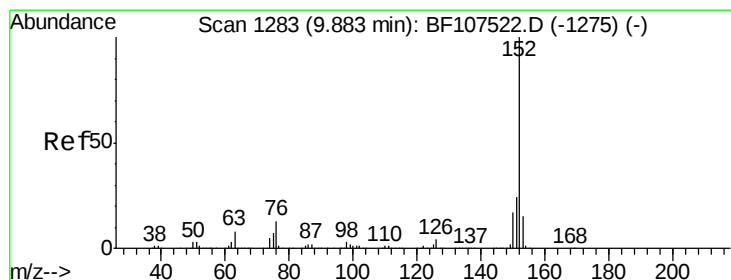
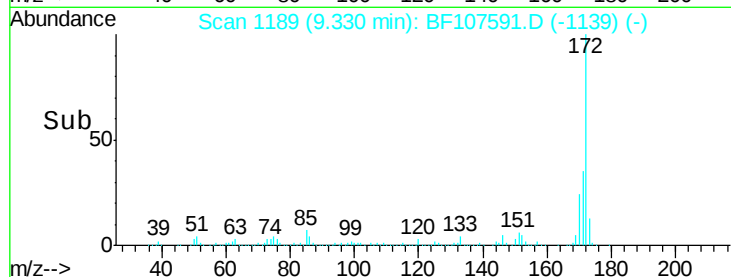
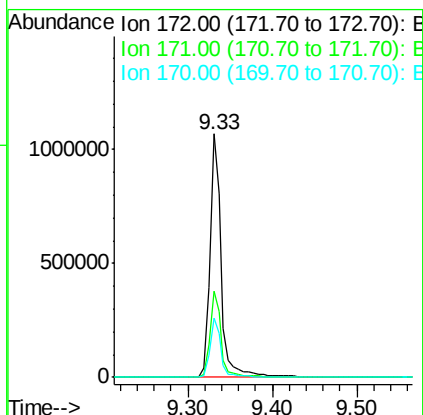
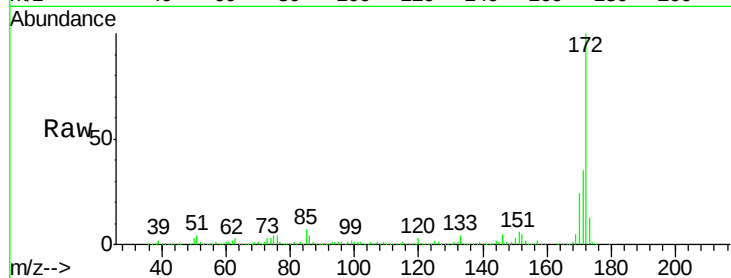




#44
 2-Fluorobiphenyl
 Concen: 37.770 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107591.D
 Acq: 23 Jul 2018 16:38

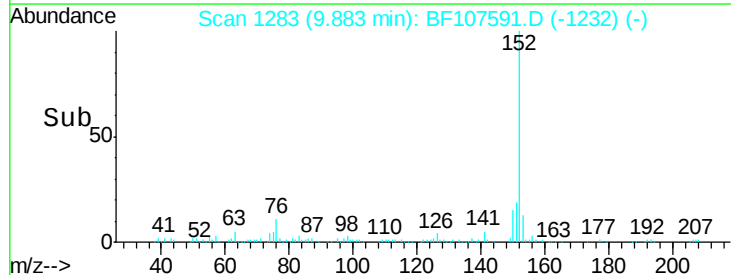
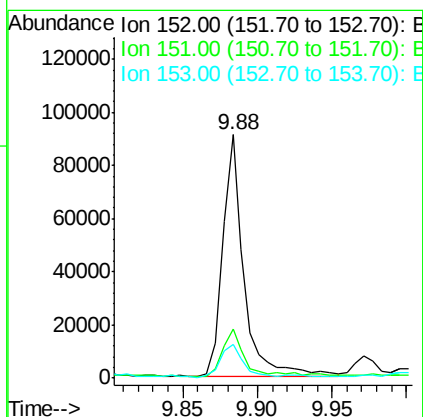
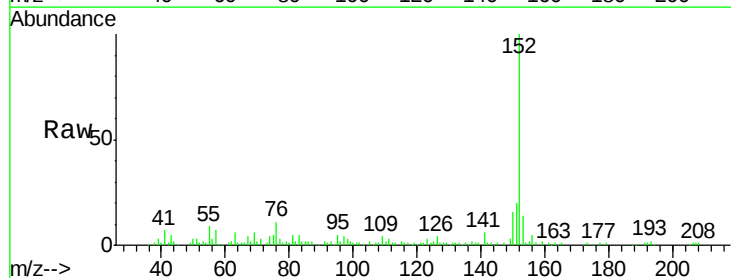
Instrument :
 BNA_F
 ClientSampled :
 SB7-12-7

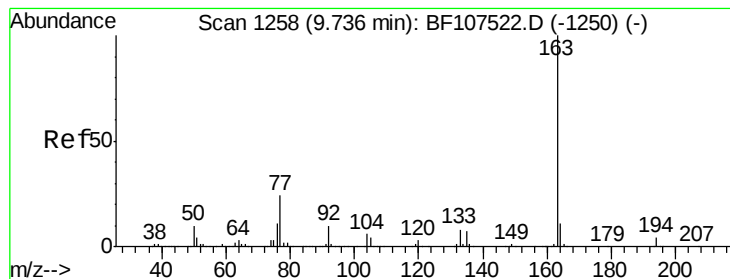
Tgt Ion:172 Resp: 1005322
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.2 19.6 29.4



#48
 Acenaphthylene
 Concen: 2.401 ng
 RT: 9.88 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF107591.D
 Acq: 23 Jul 2018 16:38

Tgt Ion:152 Resp: 91580
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.7 10.7 16.1





#49

Dimethylphthalate

Concen: 7.178 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SB7-12-7

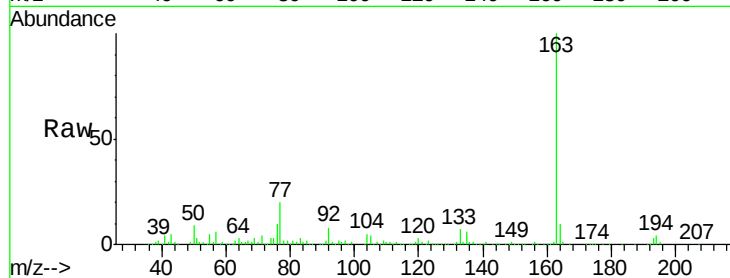
Tgt Ion:163 Resp: 206277

Ion Ratio Lower Upper

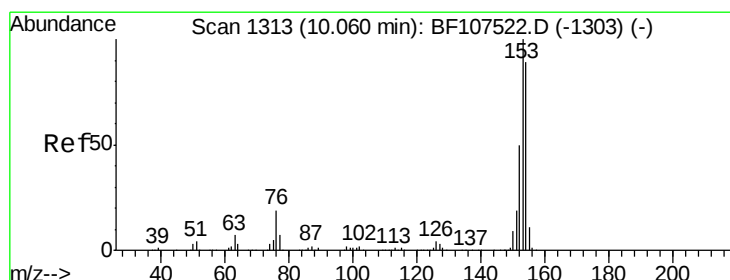
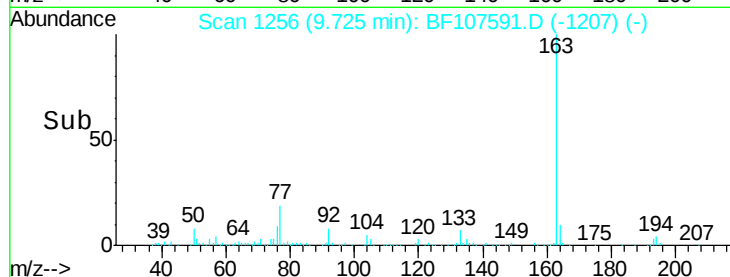
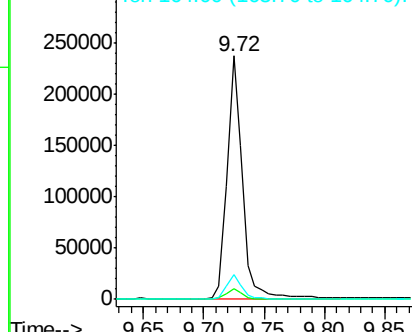
163 100

194 4.1 2.7 4.1#

164 10.0 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



#51

Acenaphthene

Concen: 2.371 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

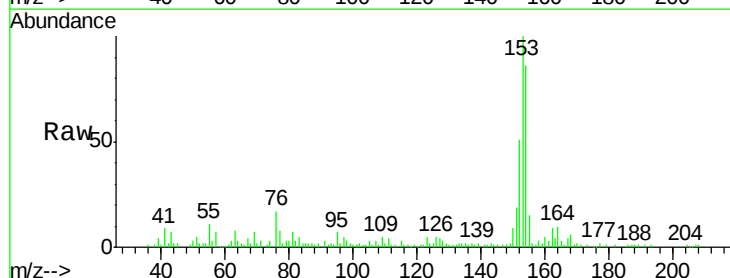
Tgt Ion:154 Resp: 56648

Ion Ratio Lower Upper

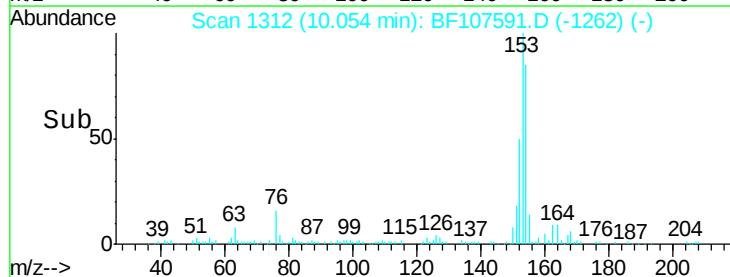
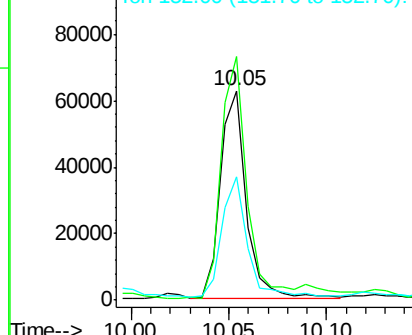
154 100

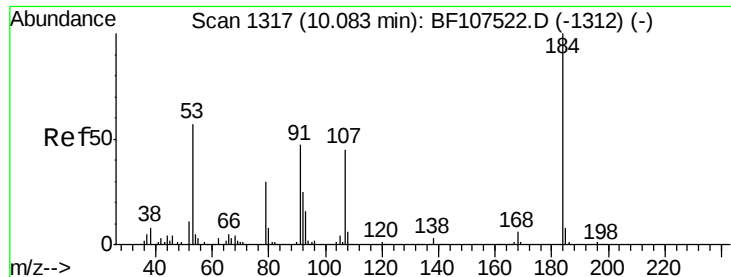
153 116.5 91.2 136.8

152 59.1 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

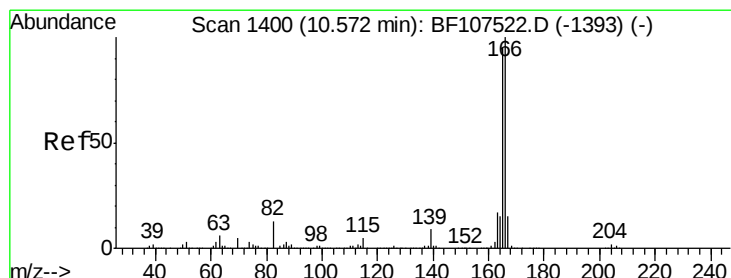
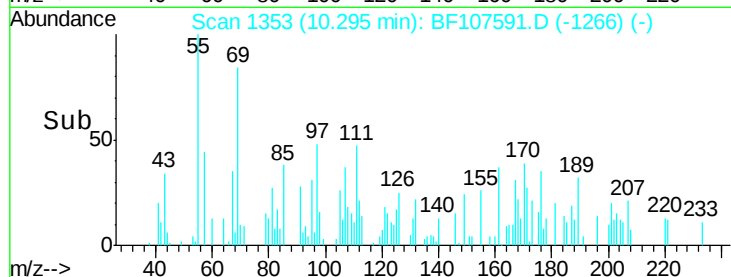
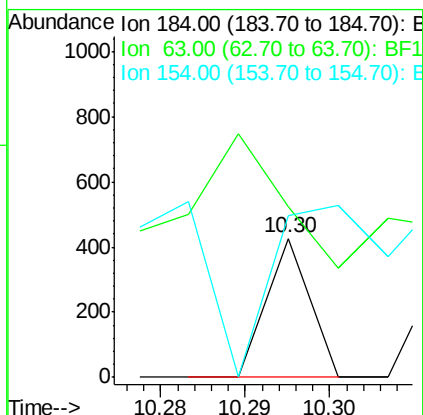
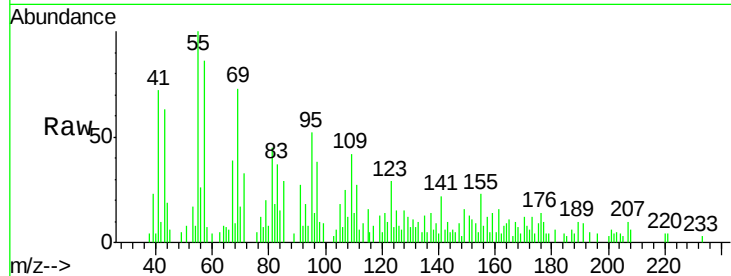




#53
2,4-Dinitrophenol
Concen: 8.357 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.21 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

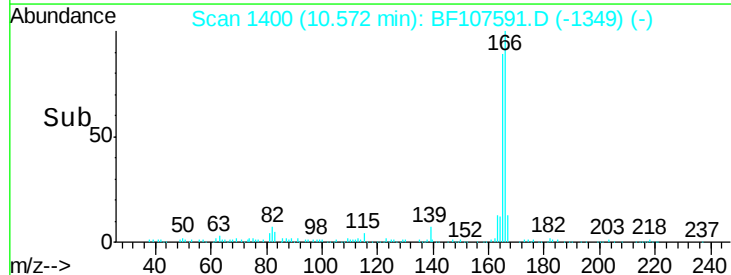
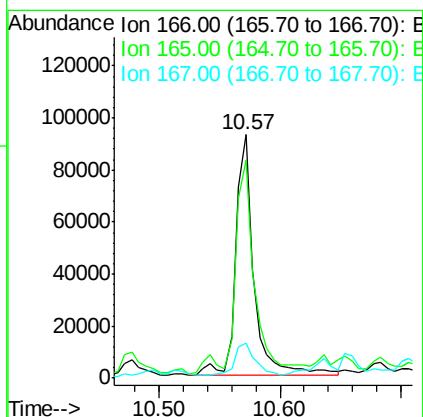
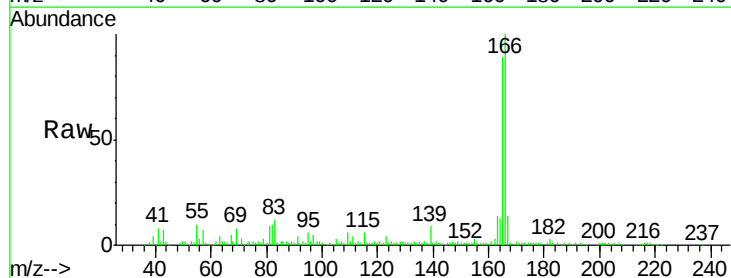
Instrument :
BNA_F
ClientSampleId :
SB7-12-7

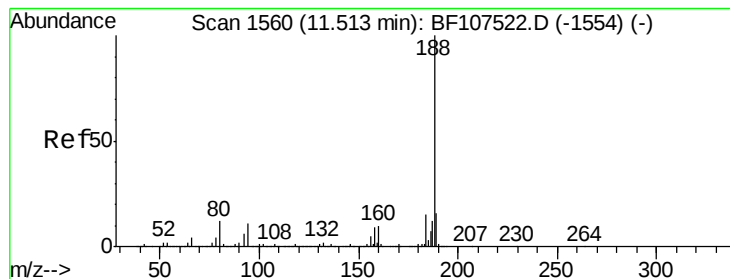
Tgt Ion:184 Resp: 151
Ion Ratio Lower Upper
184 100
63 123.0 54.2 81.2#
154 115.9 184.0 276.0#



#57
Fluorene
Concen: 3.877 ng
RT: 10.57 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion:166 Resp: 97310
Ion Ratio Lower Upper
166 100
165 89.4 79.8 119.8
167 14.1 10.6 16.0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SB7-12-7

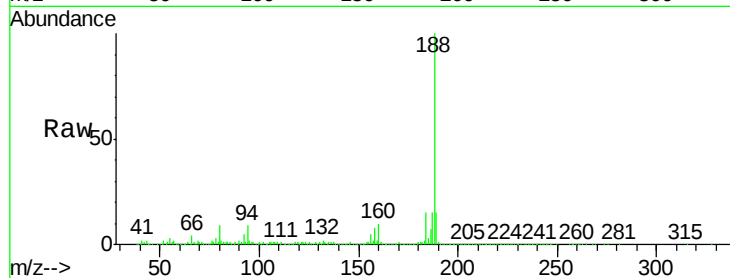
Tgt Ion:188 Resp: 698545

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

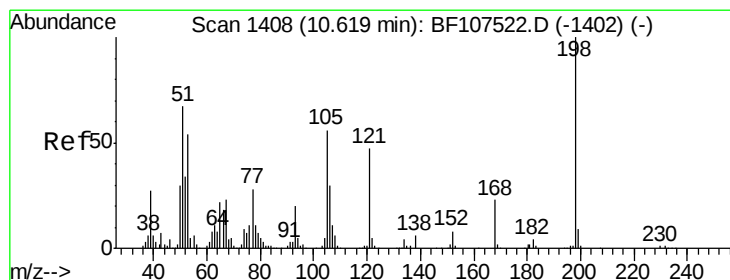
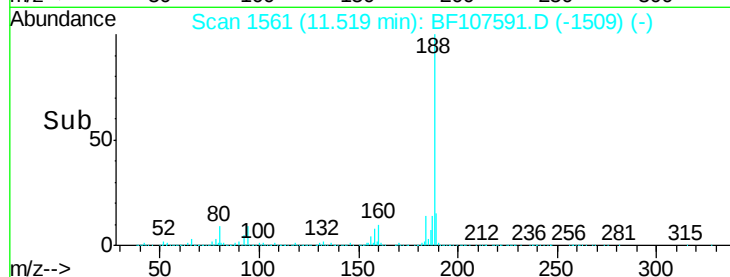
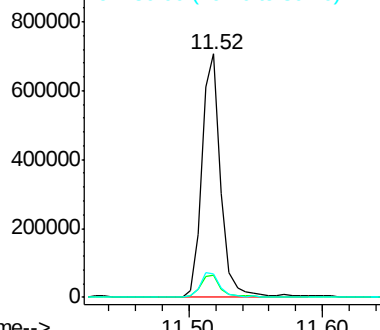
80 9.5 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.709 ng

RT: 10.68 min Scan# 1419

Delta R.T. 0.07 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

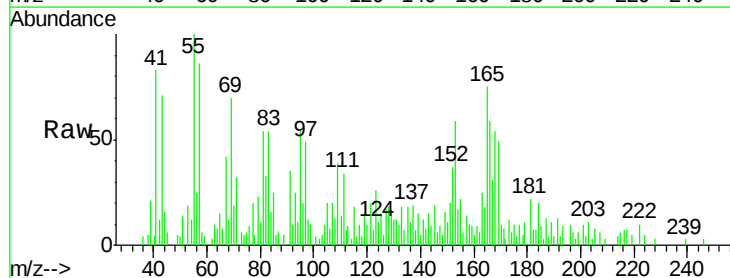
Tgt Ion:198 Resp: 117

Ion Ratio Lower Upper

198 100

51 434.9 37.7 77.7#

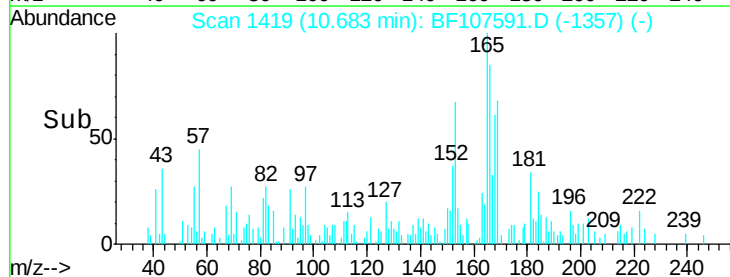
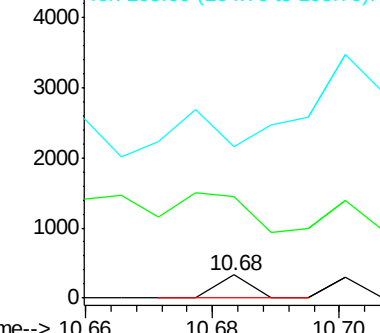
105 648.2 36.3 76.3#

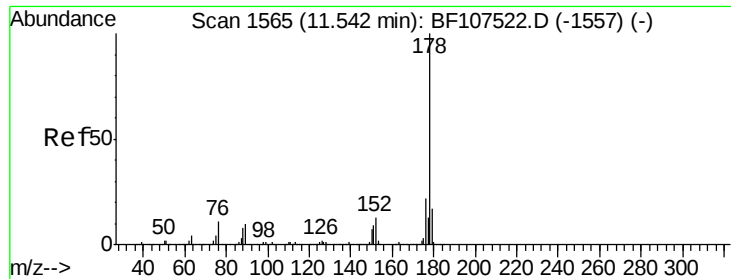


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#70

Phenanthrene

Concen: 24.270 ng

RT: 11.54 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SB7-12-7

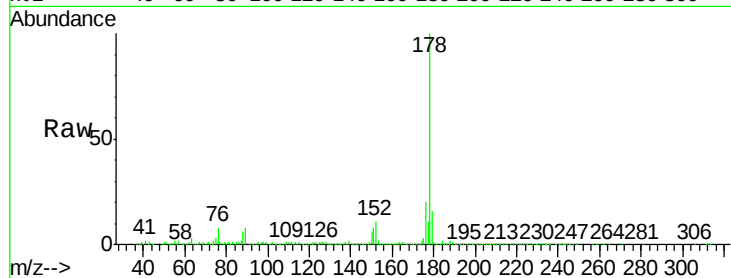
Tgt Ion:178 Resp: 826156

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

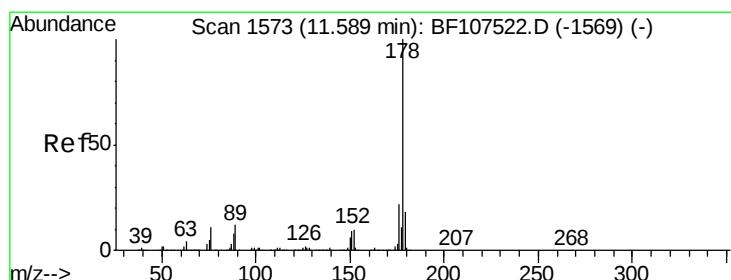
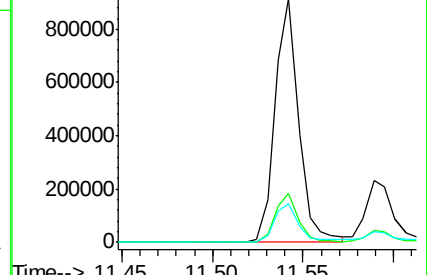
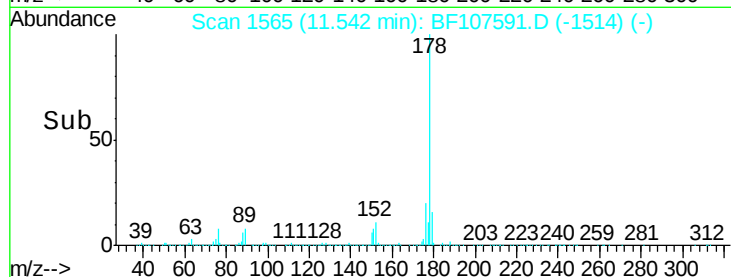
179 15.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 7.238 ng

RT: 11.59 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

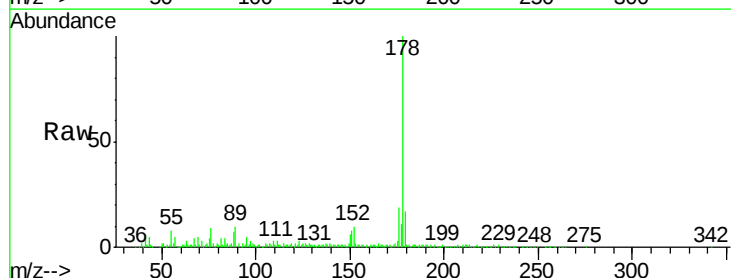
Tgt Ion:178 Resp: 248056

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

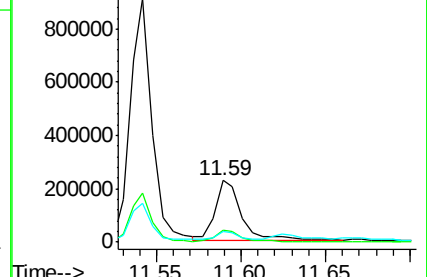
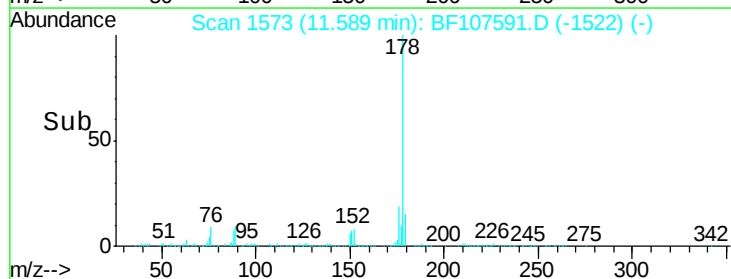
179 16.7 12.6 19.0

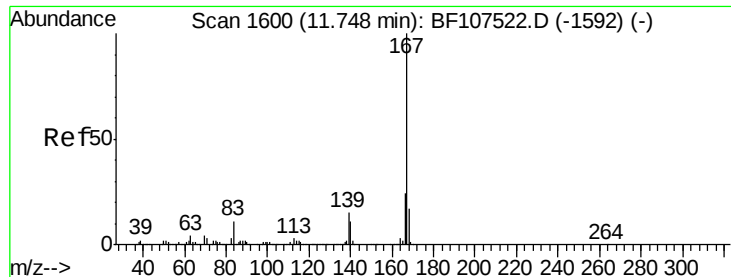


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.140 ng

RT: 11.75 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SB7-12-7

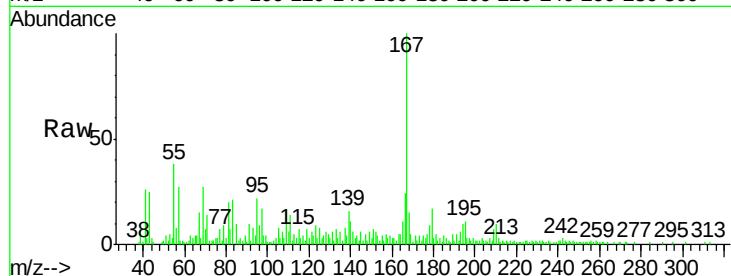
Tgt Ion:167 Resp: 76258

Ion Ratio Lower Upper

167 100

166 24.3 17.6 26.4

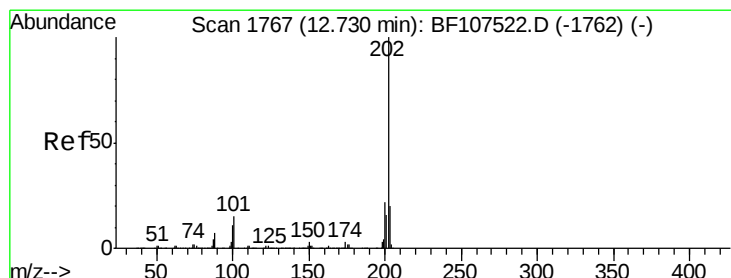
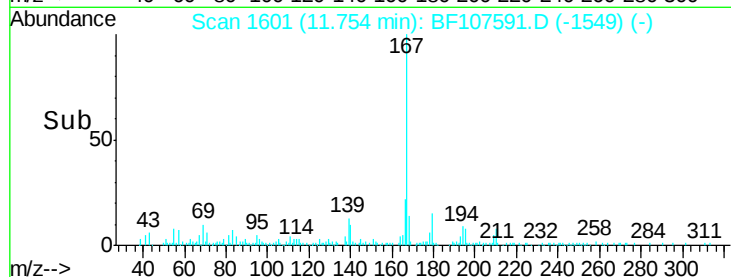
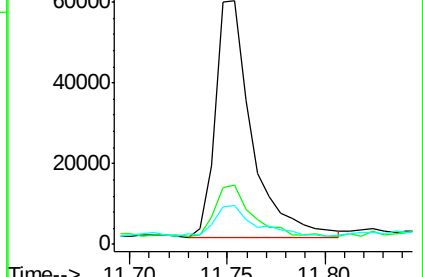
139 16.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 35.277 ng

RT: 12.74 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

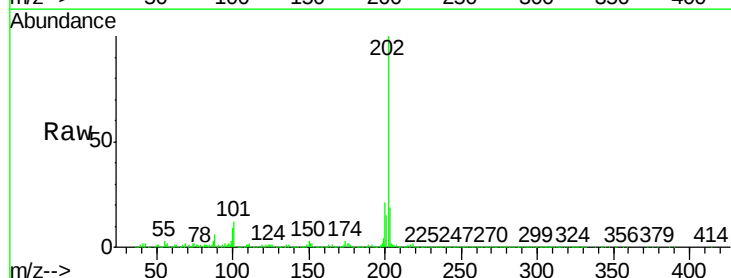
Tgt Ion:202 Resp: 1288606

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

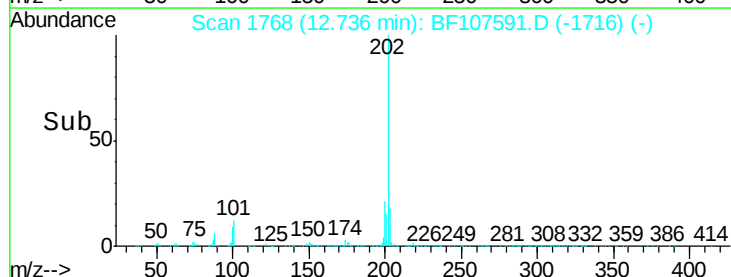
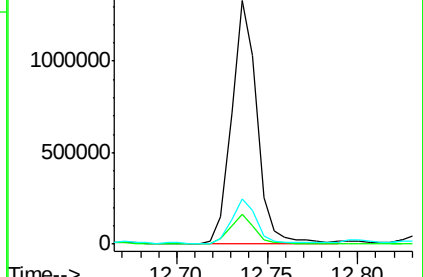
203 18.7 0.0 38.1

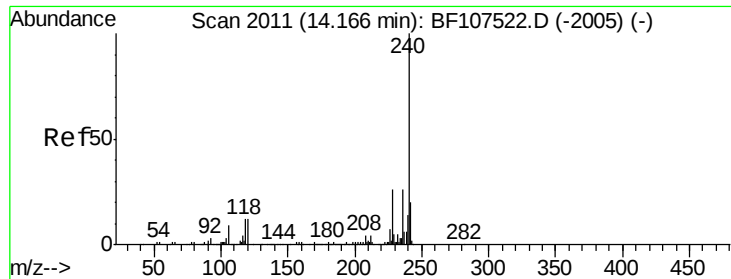


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.17 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

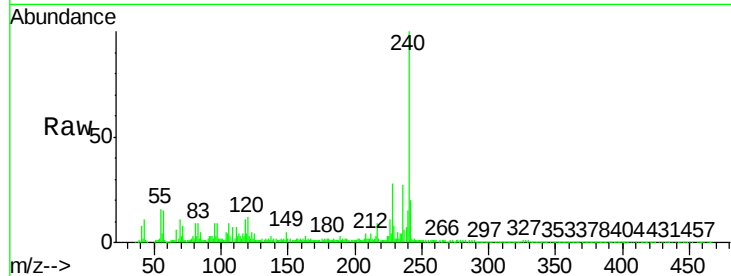
Instrument :

BNA_F

ClientSampleId :

SB7-12-7

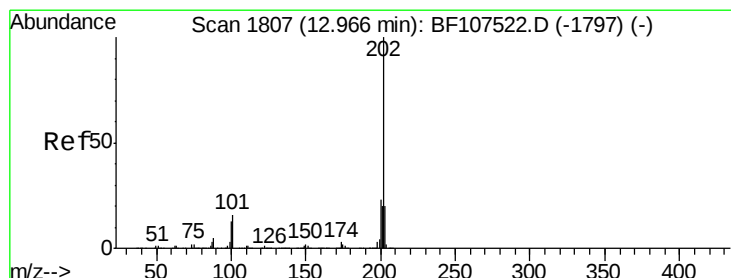
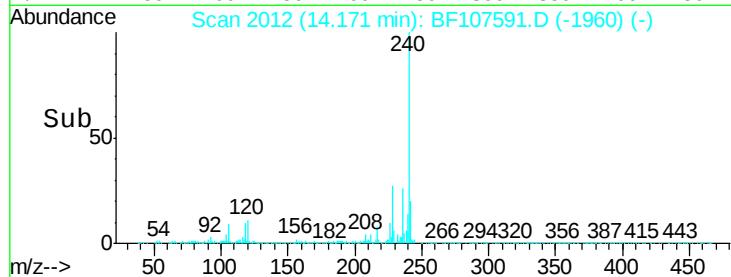
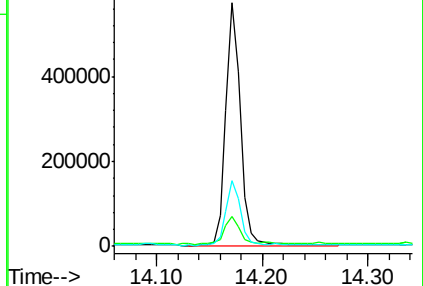
Tgt Ion:	240	Resp:	556301
Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.8	20.7	31.1



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



#77

Pyrene

Concen: 32.063 ng

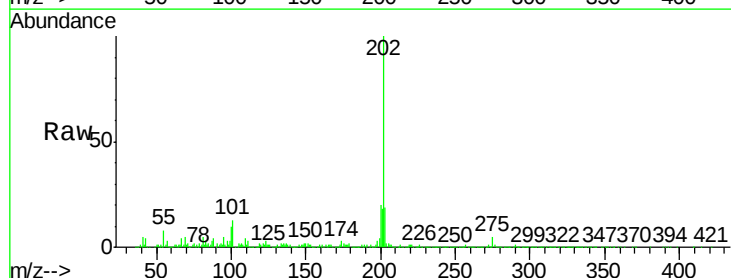
RT: 12.97 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

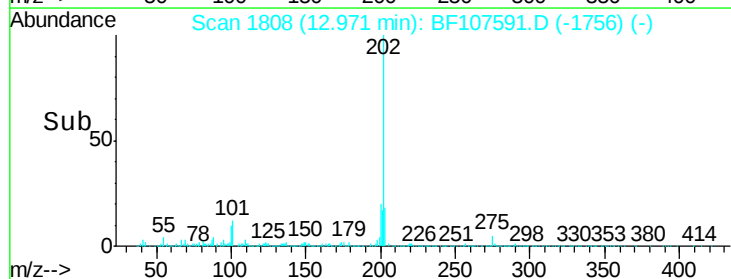
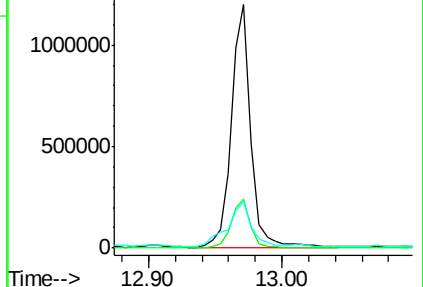
Tgt Ion:	202	Resp:	1220050
Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	19.0	14.3	21.5

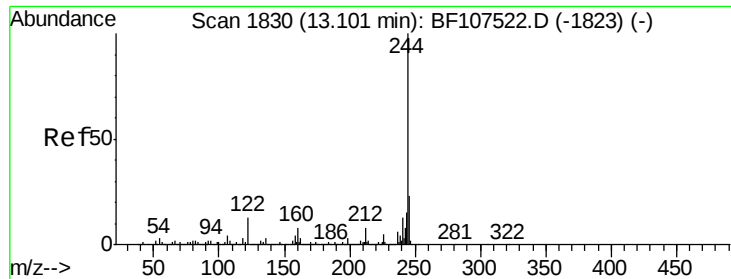


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 41.549 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SB7-12-7

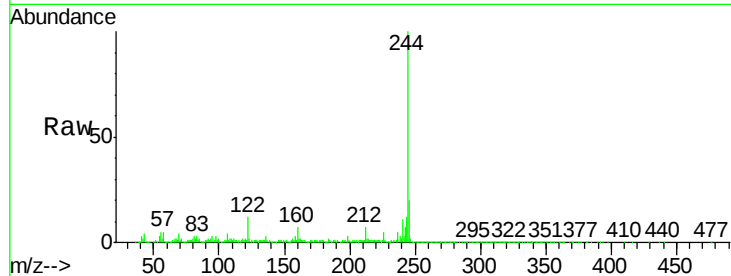
Tgt Ion:244 Resp: 902839

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

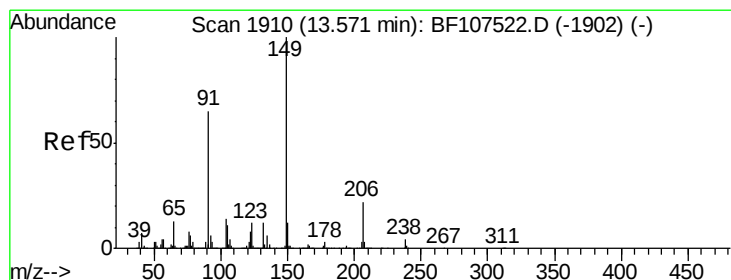
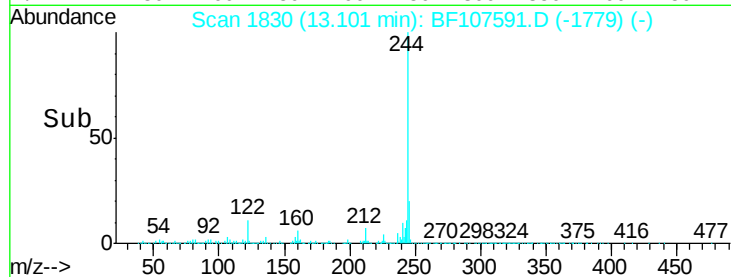
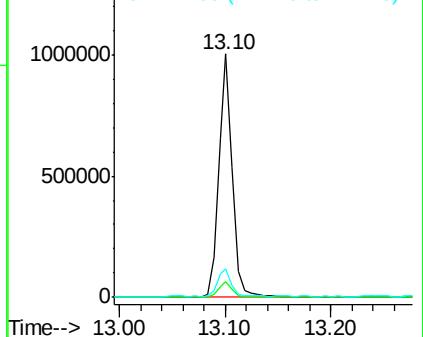
122 11.8 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 22.764 ng

RT: 13.57 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

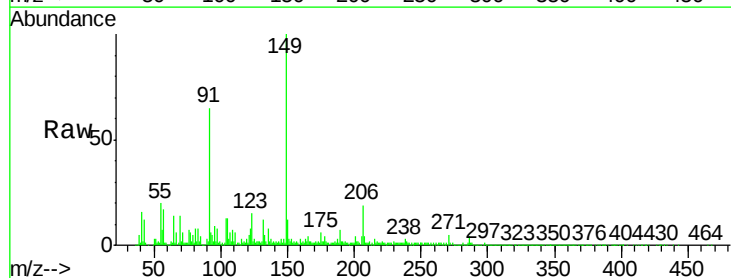
Tgt Ion:149 Resp: 372516

Ion Ratio Lower Upper

149 100

91 64.5 56.8 85.2

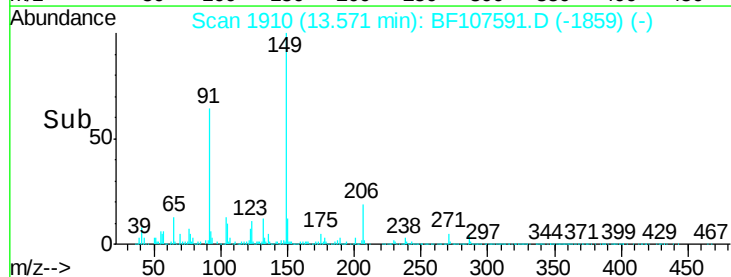
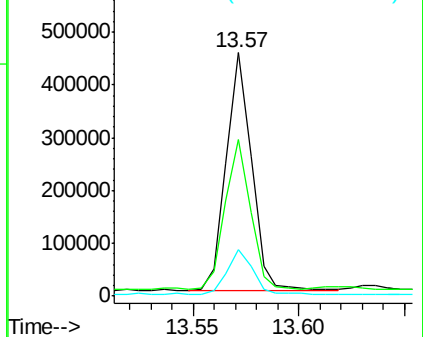
206 19.0 14.1 21.1

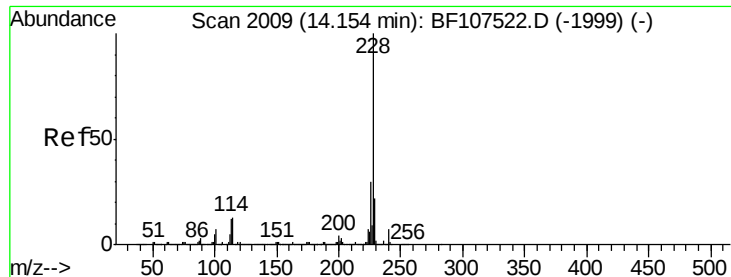


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

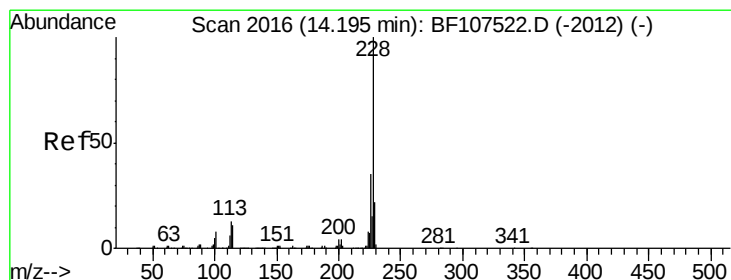
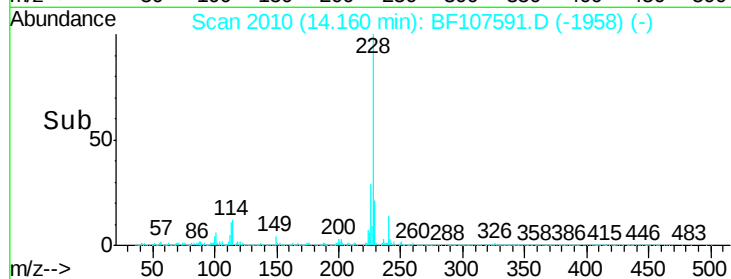
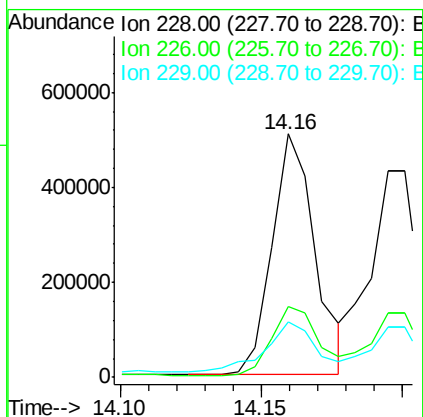
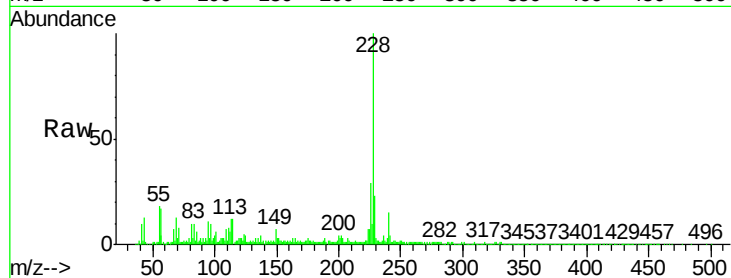




#80
Benzo(a)anthracene
Concen: 16.473 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

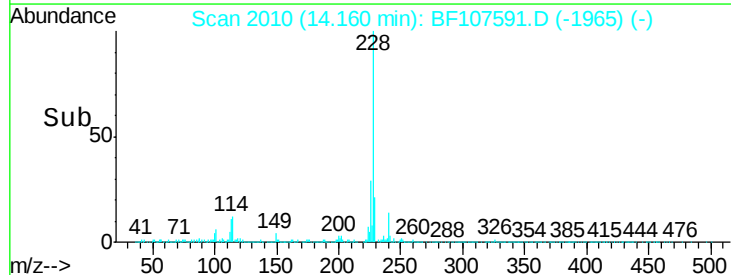
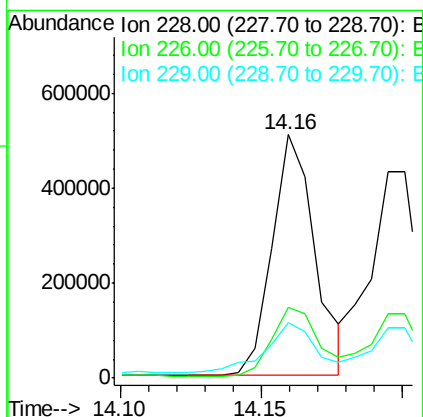
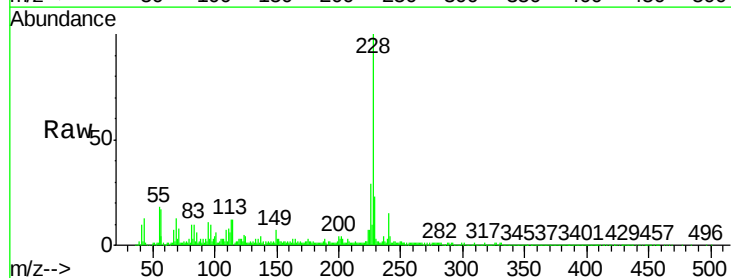
Instrument :
BNA_F
ClientSampleId :
SB7-12-7

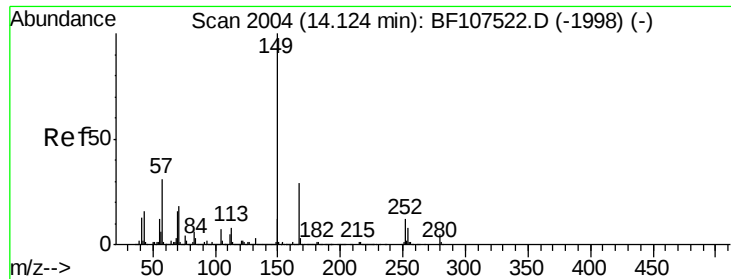
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	22.6	15.8	23.6



#82
Chrysene
Concen: 17.148 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.04 min
Lab File: BF107591.D
Acq: 23 Jul 2018 16:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	22.6	16.2	24.4

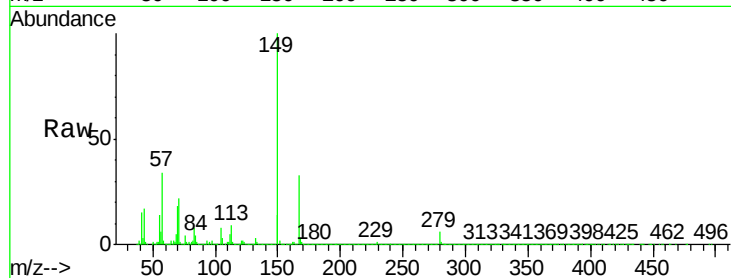




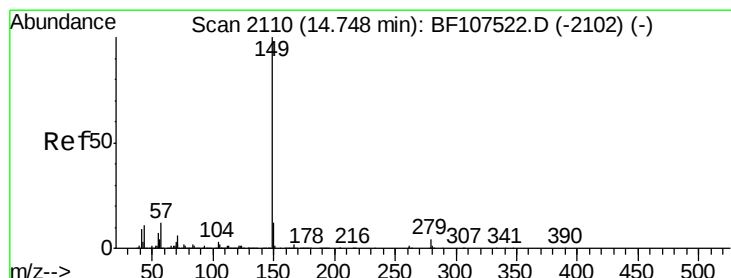
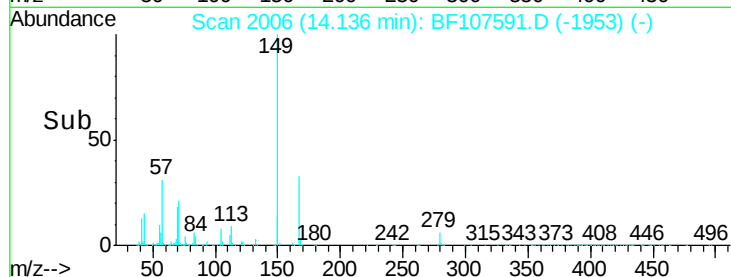
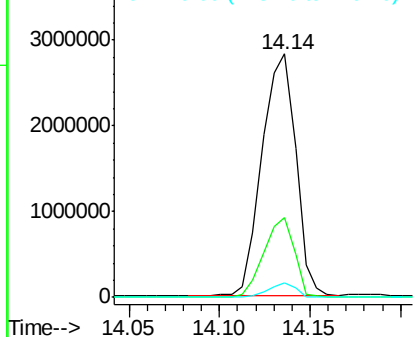
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 159.197 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF107591.D
 Acq: 23 Jul 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SB7-12-7

Tgt Ion:149 Resp: 3675829
 Ion Ratio Lower Upper
 149 100
 167 32.6 21.3 31.9#
 279 5.7 3.0 4.4#

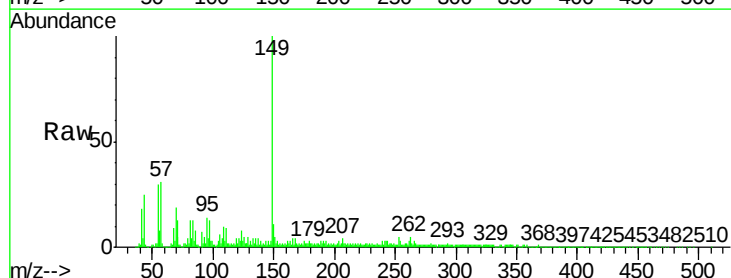


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

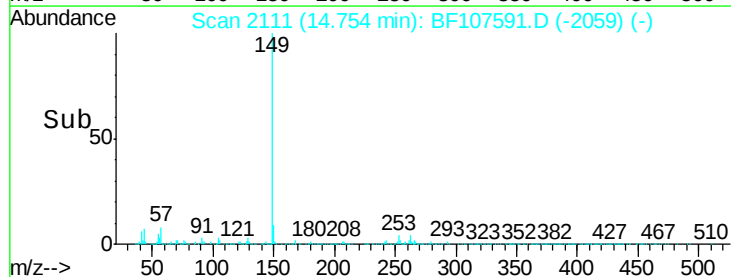
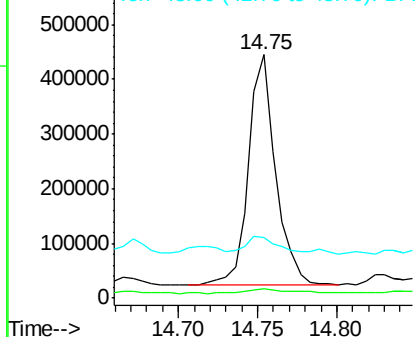


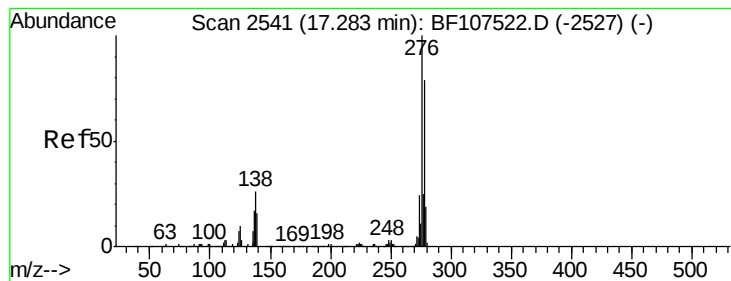
#84
 Di-n-octyl phthalate
 Concen: 14.007 ng
 RT: 14.75 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: BF107591.D
 Acq: 23 Jul 2018 16:38

Tgt Ion:149 Resp: 502709
 Ion Ratio Lower Upper
 149 100
 167 3.3 1.2 1.8#
 43 7.0 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 7.737 ng

RT: 17.30 min Scan# 2544

Delta R.T. 0.02 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SB7-12-7

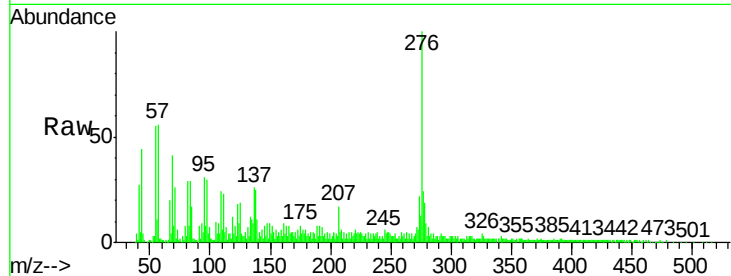
Tgt Ion:276 Resp: 205346

Ion Ratio Lower Upper

276 100

138 22.5 25.0 37.6#

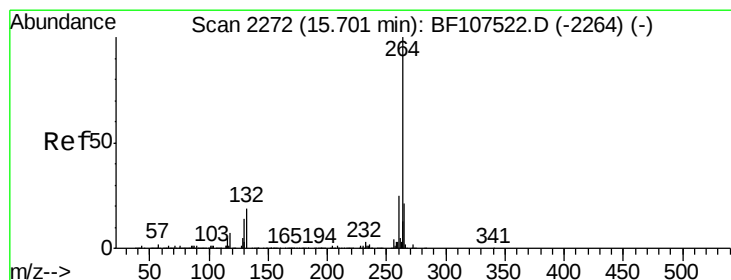
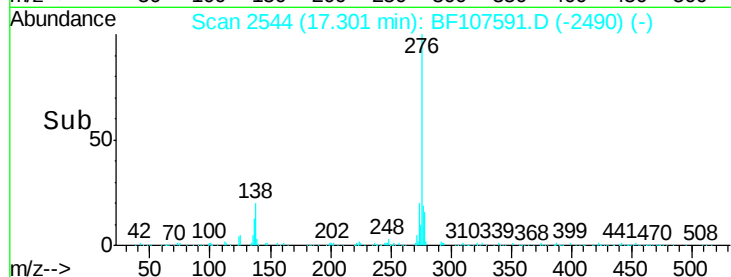
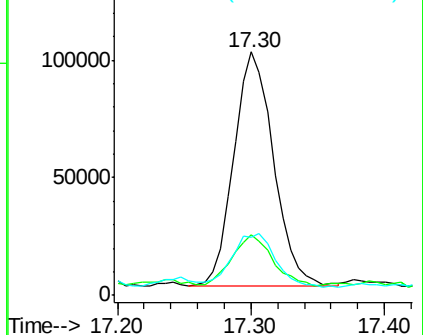
277 24.5 20.1 30.1



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: 15.72 min Scan# 2275

Delta R.T. 0.02 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

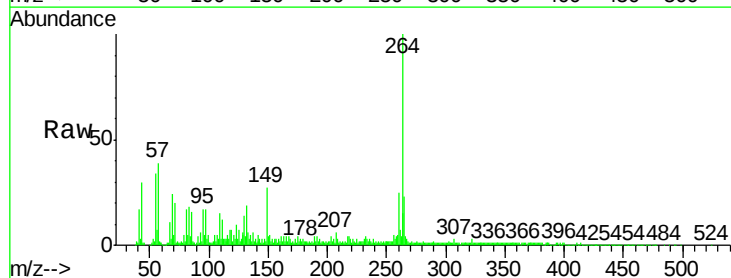
Tgt Ion:264 Resp: 409972

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

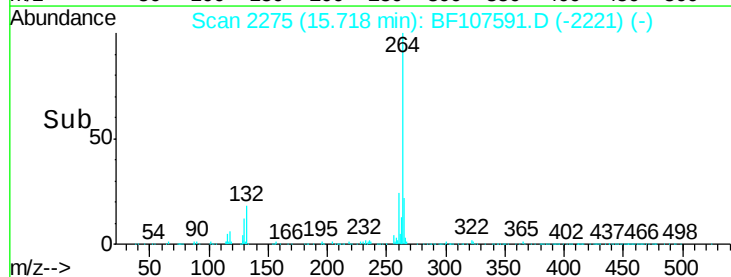
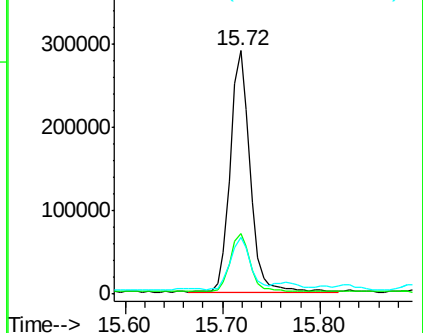
265 23.4 17.5 26.3

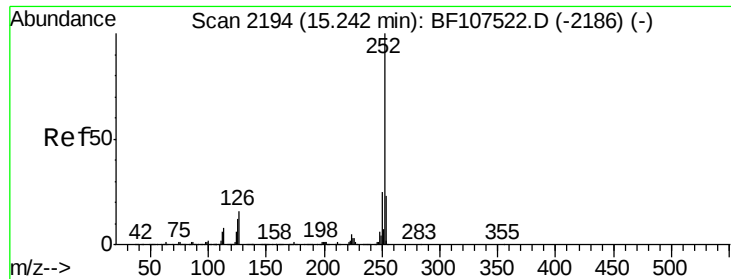


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 27.973 ng

RT: 15.25 min Scan# 2196

Delta R.T. 0.01 min

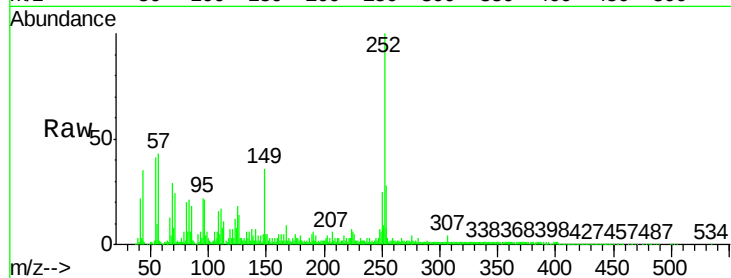
Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SB7-12-7

Tgt Ion:252 Resp: 627637

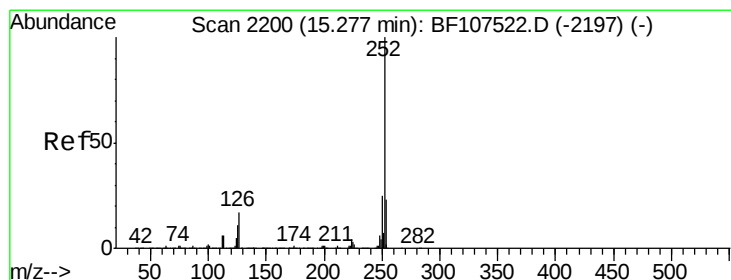
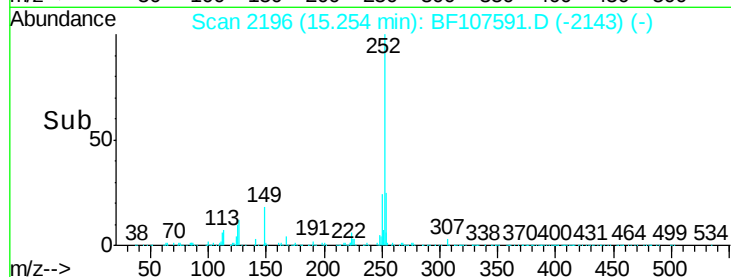
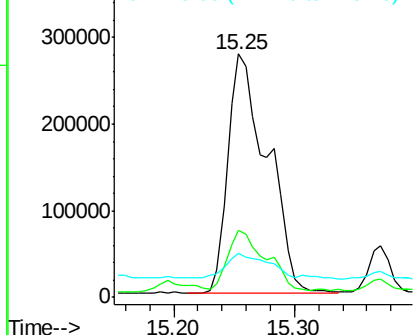
Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.0	25.6#
125	18.1	9.0	13.6#



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



#88

Benzo(k)fluoranthene

Concen: 28.552 ng

RT: 15.25 min Scan# 2196

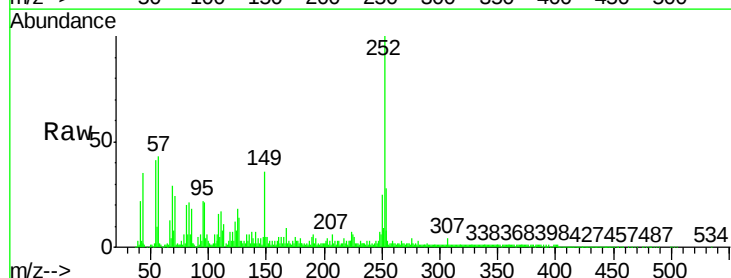
Delta R.T. -0.02 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

Tgt Ion:252 Resp: 627637

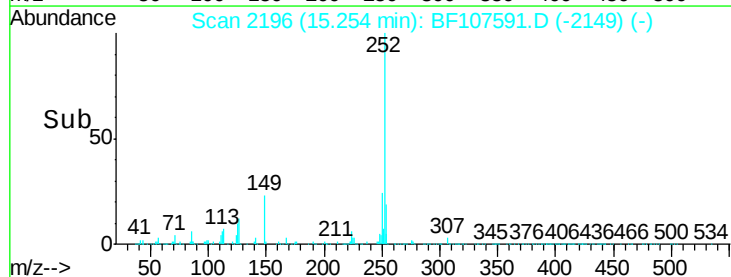
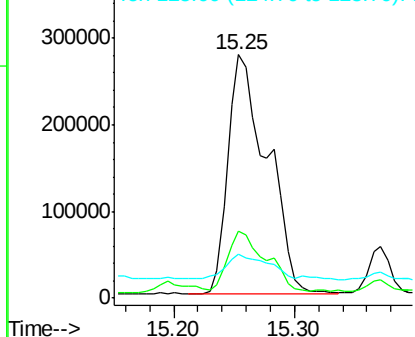
Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.9	26.9#
125	18.1	10.2	15.2#

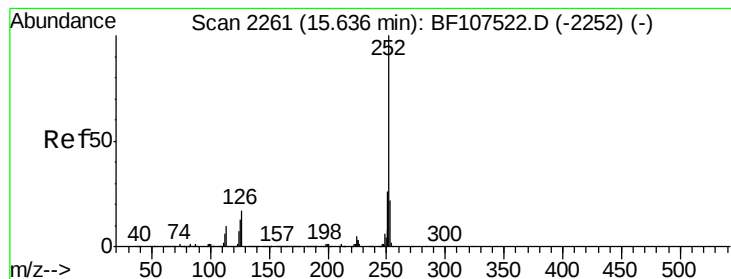


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 16.428 ng

RT: 15.65 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SB7-12-7

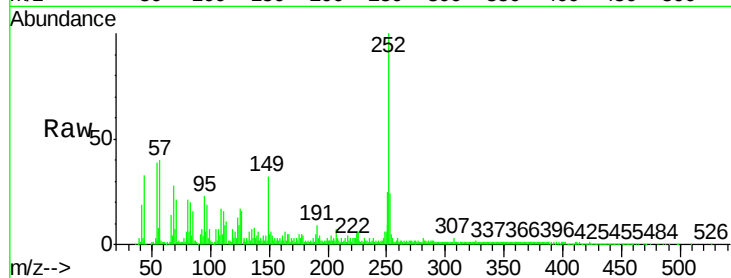
Tgt Ion:252 Resp: 337176

Ion Ratio Lower Upper

252 100

253 24.0 17.1 25.7

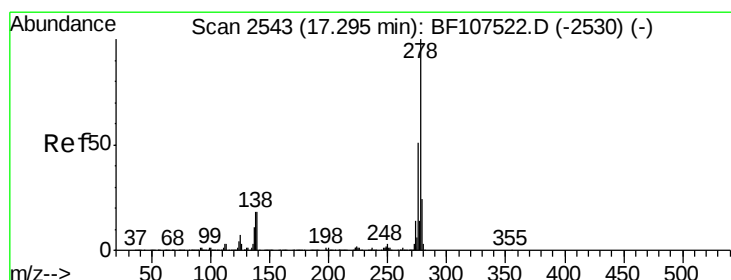
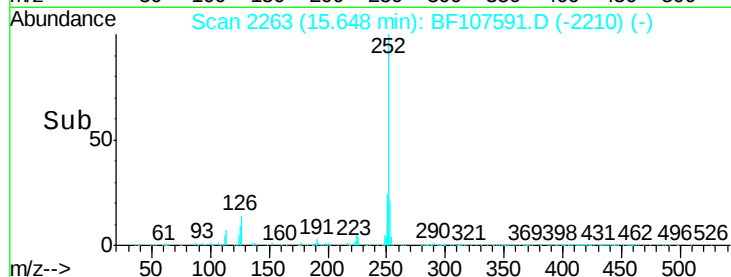
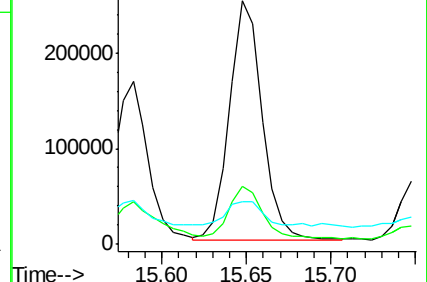
125 17.5 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 2.848 ng

RT: 17.31 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

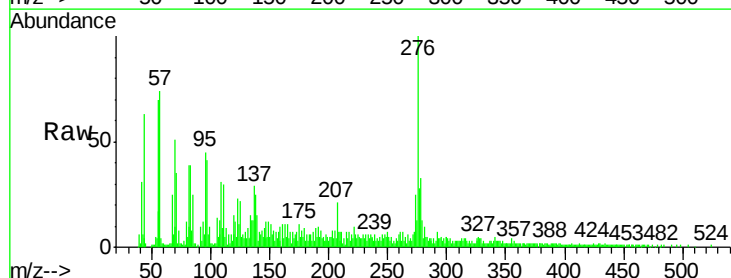
Tgt Ion:278 Resp: 50526

Ion Ratio Lower Upper

278 100

139 43.5 15.9 23.9#

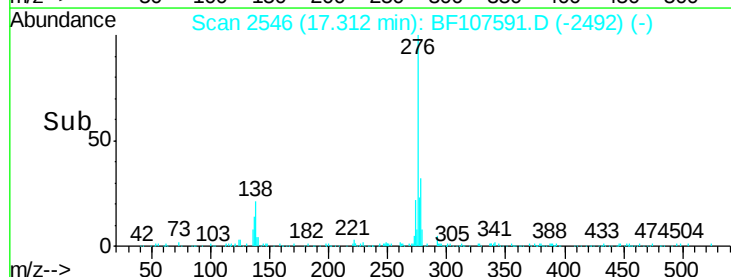
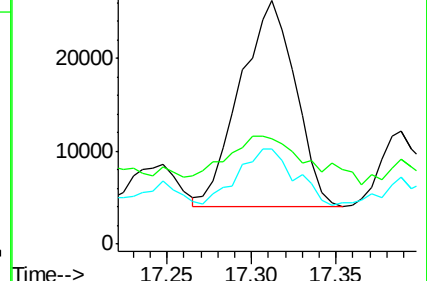
279 38.9 19.0 28.4#

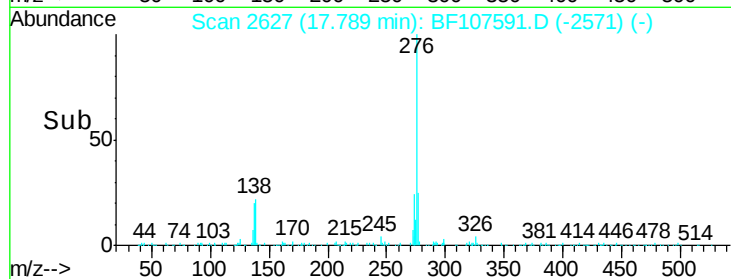
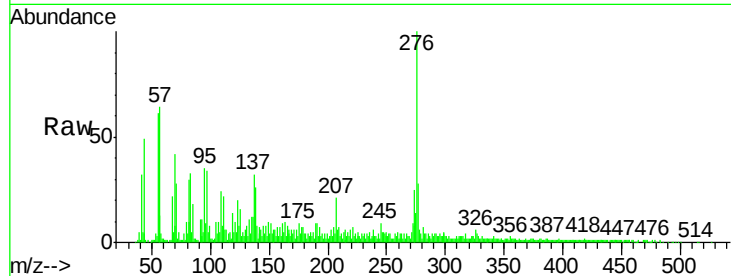
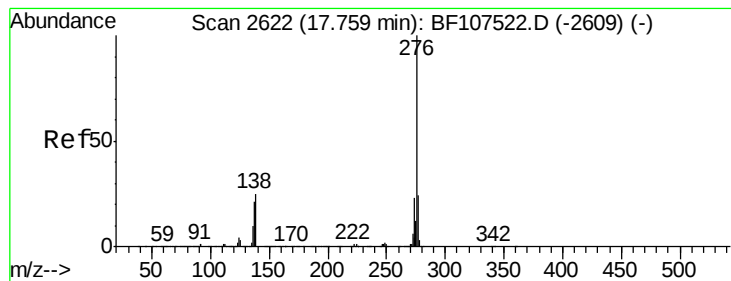


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 12.021 ng

RT: 17.79 min Scan# 2627

Delta R.T. 0.03 min

Lab File: BF107591.D

Acq: 23 Jul 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SB7-12-7

Tgt Ion:276 Resp: 210361

Ion Ratio Lower Upper

276 100

277 27.6 17.9 26.9#

138 26.4 21.8 32.8

