

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107191.D
 Acq On : 6 Jul 2018 23:27
 Operator : JU/SJ
 Sample : J3749-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-101-03-04-0-11

Quant Time: Jul 07 00:19:09 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

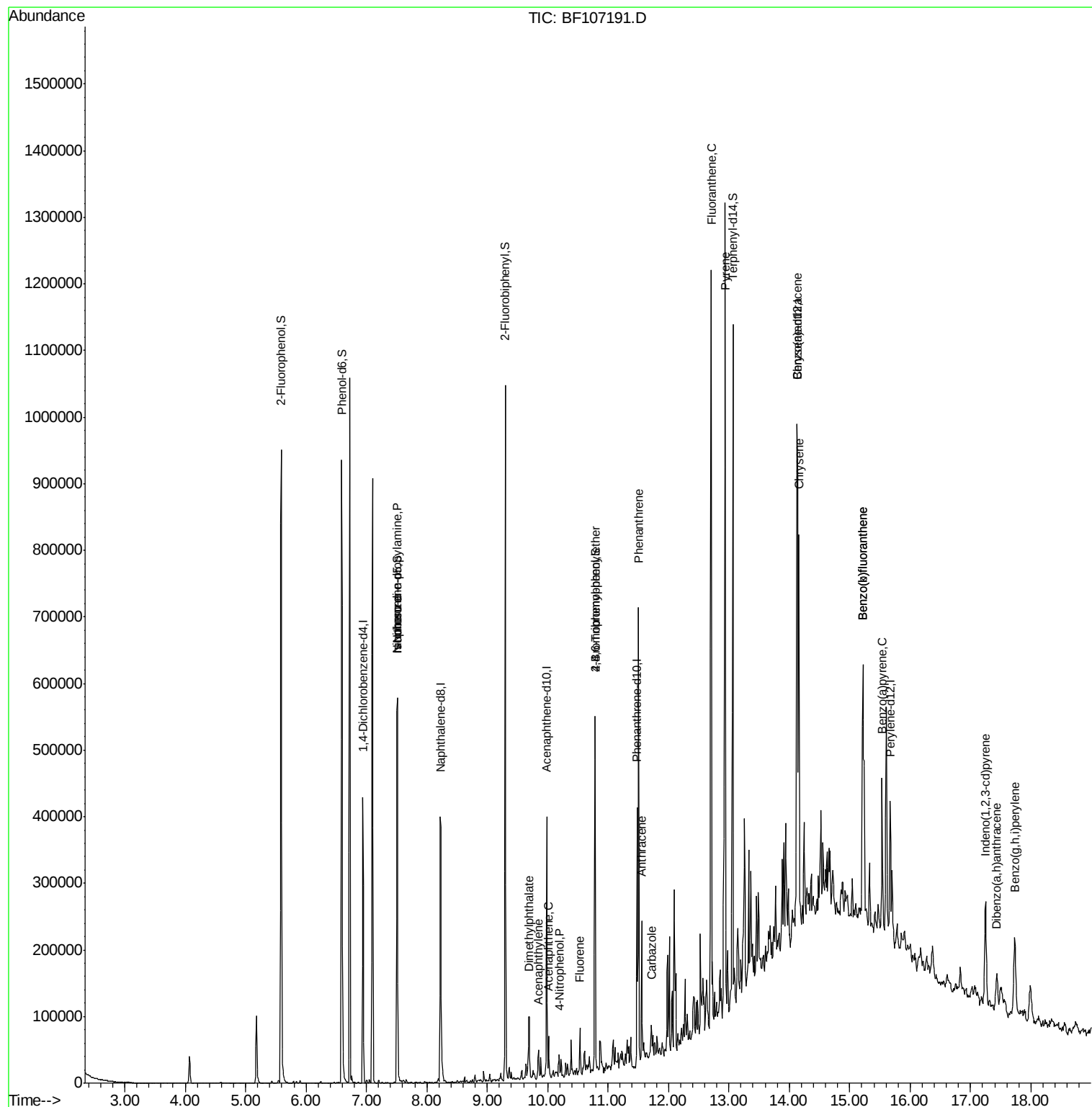
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59588	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	209555	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	85942	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	158649	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	154075	20.00	ng	-0.03
86) Perylene-d12	15.67	264	112036	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	289955	82.40	ng	-0.01
7) Phenol-d6	6.59	99	353591	80.46	ng	-0.02
23) Nitrobenzene-d5	7.51	82	209687	55.61	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	76114	76.41	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	346282	64.67	ng	-0.02
78) Terphenyl-d14	13.07	244	391186	61.50	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	26985	9.316	ng	# 76
25) Isophorone	7.51	82	209684	31.557	ng	# 64
48) Acenaphthylene	9.85	152	17188	2.019	ng	97
49) Dimethylphthalate	9.70	163	39958	6.199	ng	# 98
51) Acenaphthene	10.02	154	11487	2.143	ng	98
55) 4-Nitrophenol	10.19	139	3693	3.368	ng	# 19
57) Fluorene	10.54	166	19783	3.397	ng	96
66) 4-Bromophenyl-phenylether	10.78	248	4565	2.411	ng	# 1
70) Phenanthrene	11.51	178	255427	33.381	ng	99
71) Anthracene	11.55	178	91701	11.741	ng	99
72) Carbazole	11.72	167	16368	2.238	ng	97
74) Fluoranthene	12.71	202	525026	62.251	ng	94
77) Pyrene	12.94	202	526362	51.806	ng	99
80) Benzo(a)anthracene	14.12	228	301655	32.124	ng	99
82) Chrysene	14.17	228	257831	29.845	ng	98
85) Indeno(1,2,3-cd)pyrene	17.25	276	104409	14.241	ng	# 87
87) Benzo(b)fluoranthene	15.21	252	358412	51.499	ng	95
88) Benzo(k)fluoranthene	15.21	252	358412	54.079	ng	# 96
89) Benzo(a)pyrene	15.54	252	125535	20.290	ng	97
90) Dibenzo(a,h)anthracene	17.43	278	23909	4.560	ng	95
91) Benzo(g,h,i)perylene	17.74	276	104603	20.410	ng	# 87

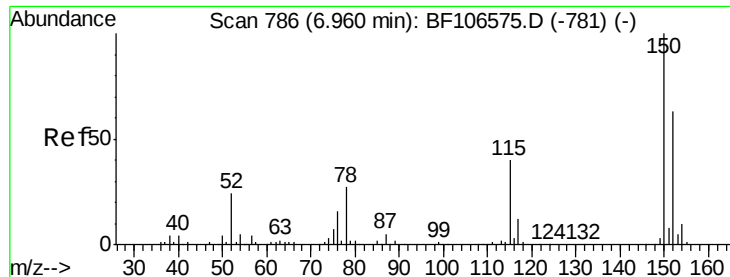
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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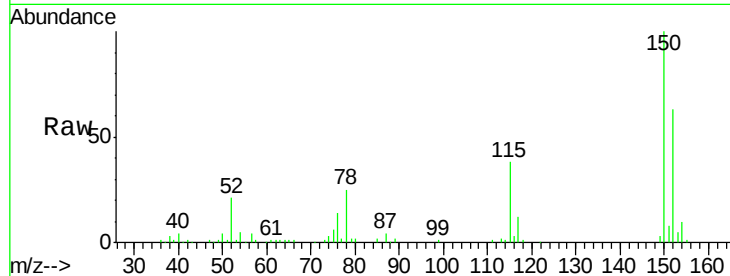


#1

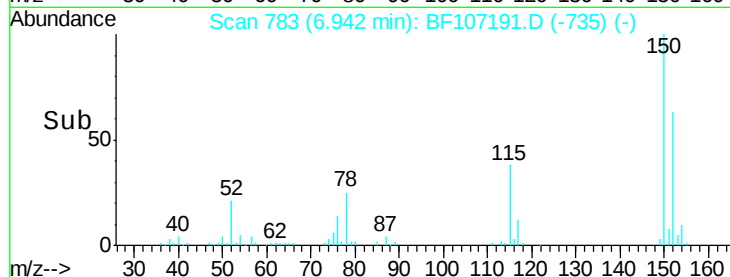
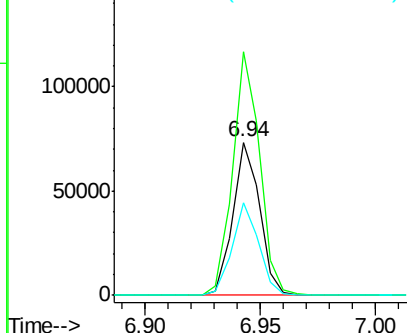
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107191.D
Acq: 6 Jul 2018 23:27

Instrument :
BNA_F
ClientSampleId :
ZER-SB-101-03-04-0-11

Tgt Ion:152 Resp: 59588
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 60.7 50.1 75.1



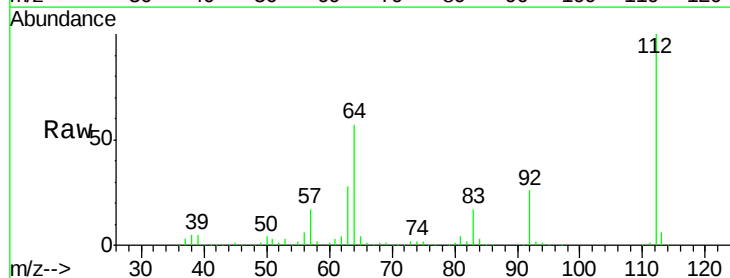
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



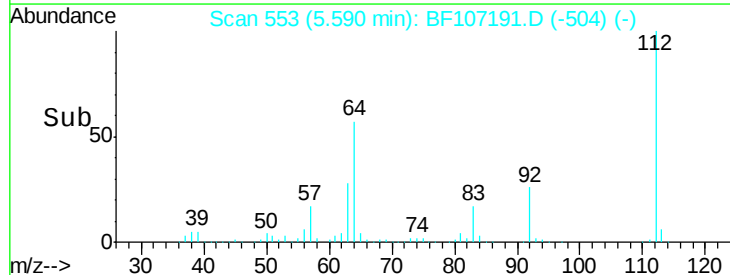
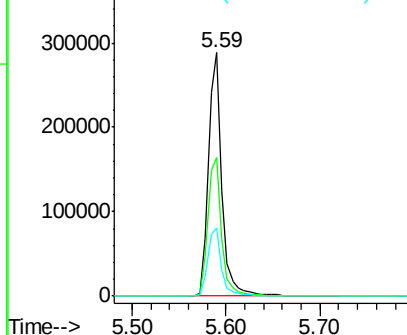
#5

2-Fluorophenol
Concen: 82.397 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107191.D
Acq: 6 Jul 2018 23:27

Tgt Ion:112 Resp: 289955
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 28.0 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: 80.461 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

Instrument :

BNA_F

ClientSampleId :

ZER-SB-101-03-04-0-11

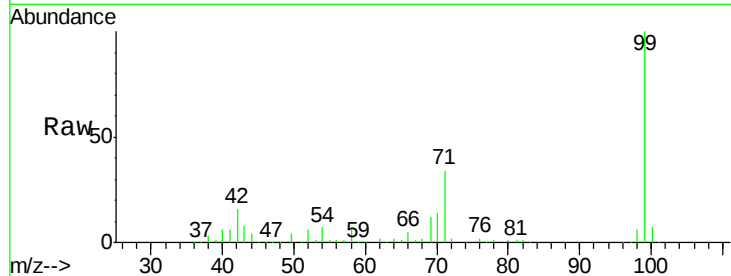
Tgt Ion: 99 Resp: 353591

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

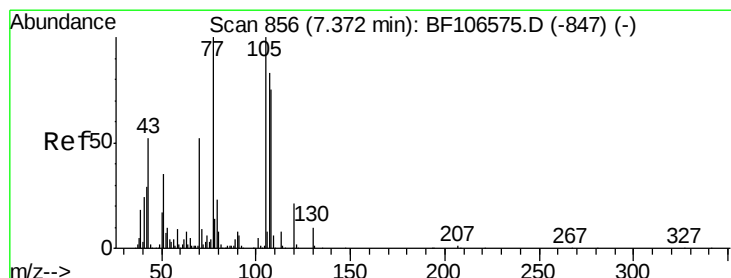
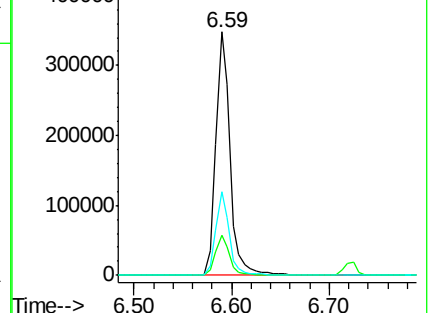
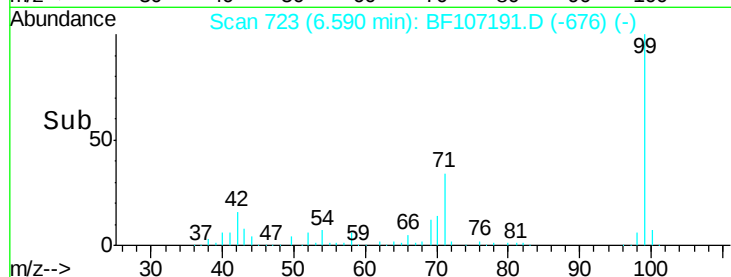
71 34.4 25.4 38.0



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: 9.316 ng

RT: 7.51 min Scan# 879

Delta R.T. 0.12 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

Tgt Ion: 70 Resp: 26985

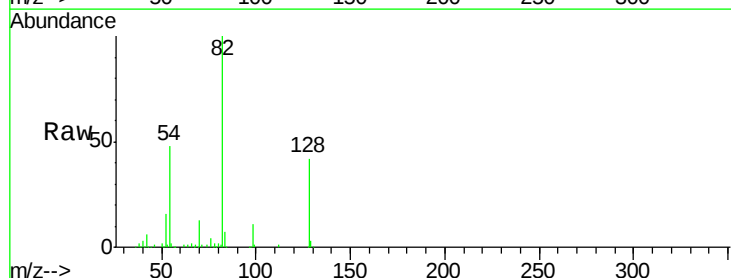
Ion Ratio Lower Upper

70 100

42 45.4 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

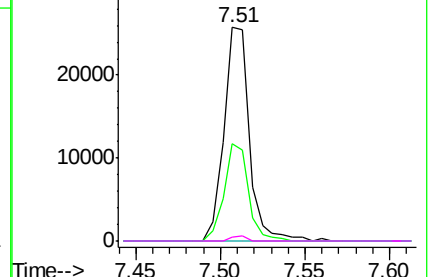
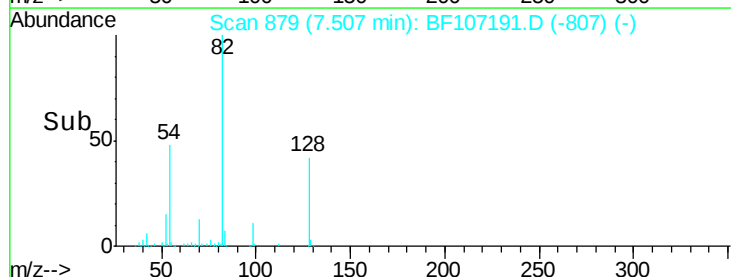


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

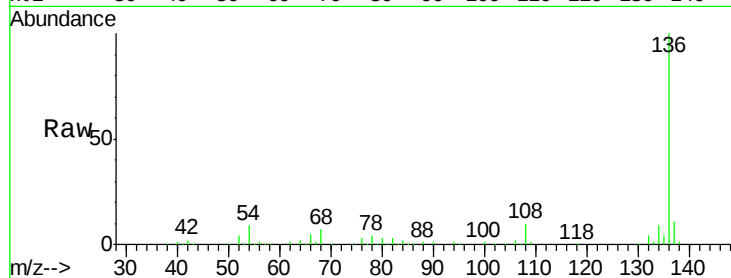




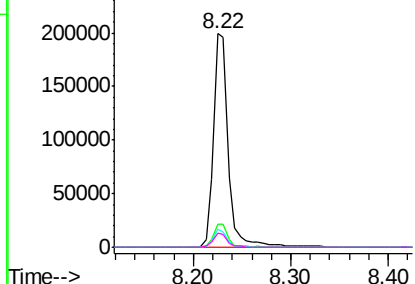
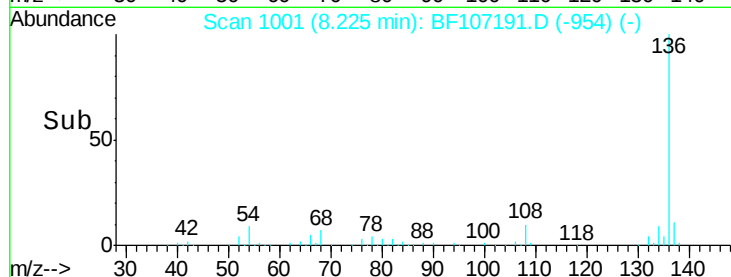
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107191.D
Acq: 6 Jul 2018 23:27

Instrument :
BNA_F
ClientSampleId :
ZER-SB-101-03-04-0-11

Tgt Ion:	136	Resp:	209555
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.6	6.6	9.8
68	6.8	5.0	7.4

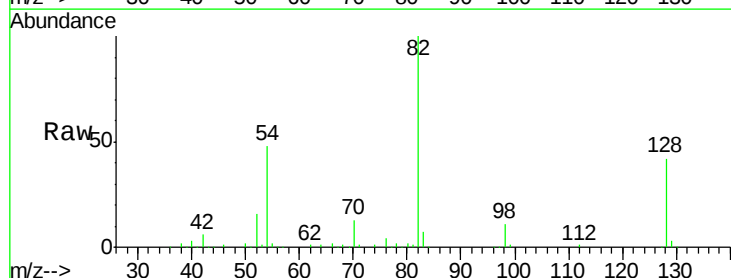


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

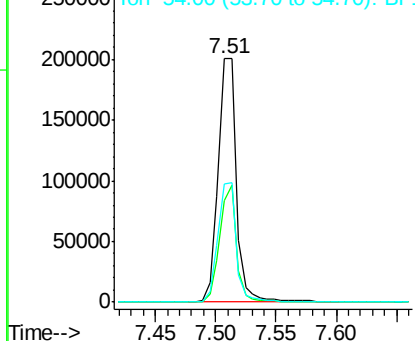
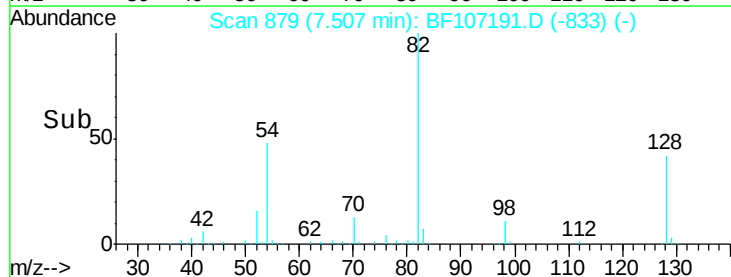


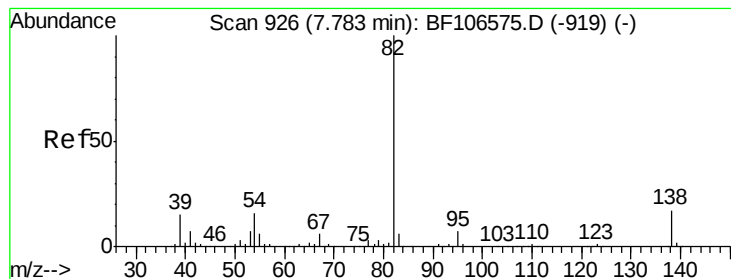
#23
Nitrobenzene-d5
Concen: 55.609 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF107191.D
Acq: 6 Jul 2018 23:27

Tgt Ion:	82	Resp:	209687
Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	48.3	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: 31.557 ng

RT: 7.51 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

Instrument :

BNA_F

ClientSampleId :

ZER-SB-101-03-04-0-11

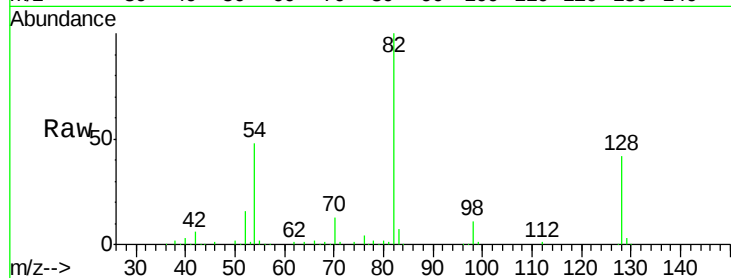
Tgt Ion: 82 Resp: 209684

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

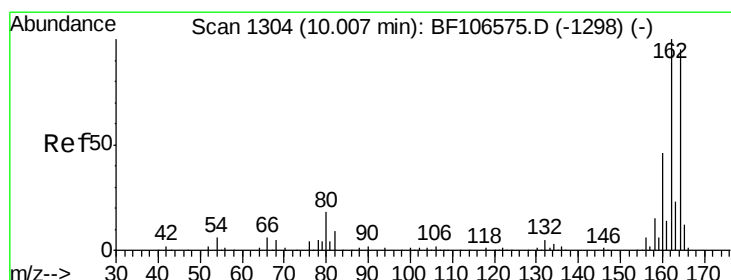
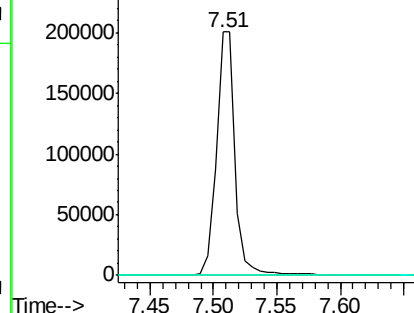
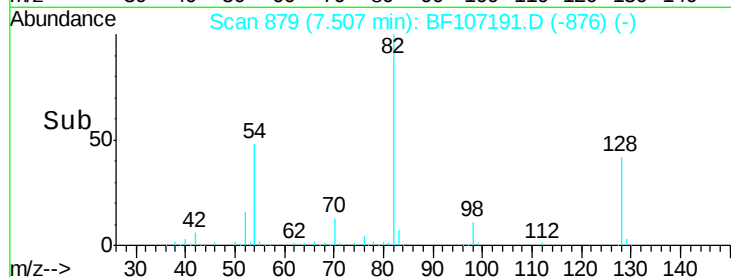
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

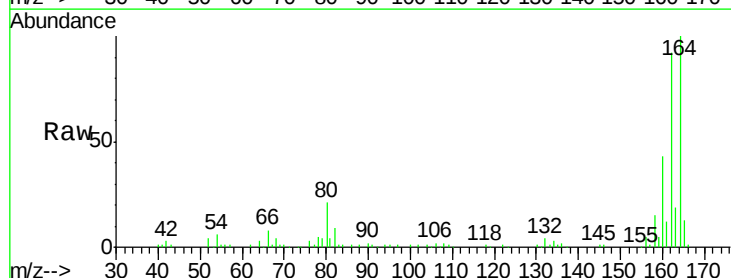
Tgt Ion: 164 Resp: 85942

Ion Ratio Lower Upper

164 100

162 91.7 86.1 129.1

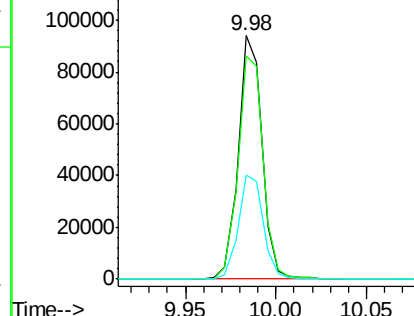
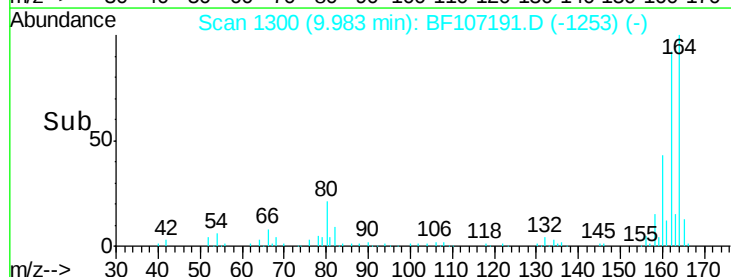
160 42.9 38.3 57.5



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

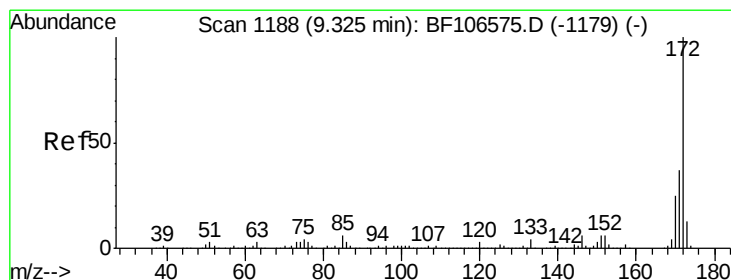
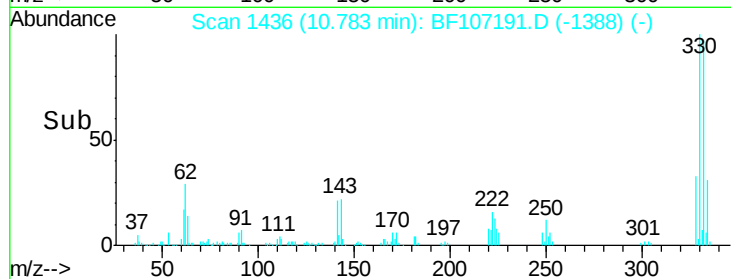
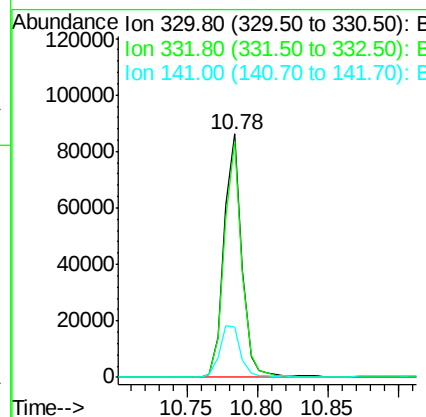
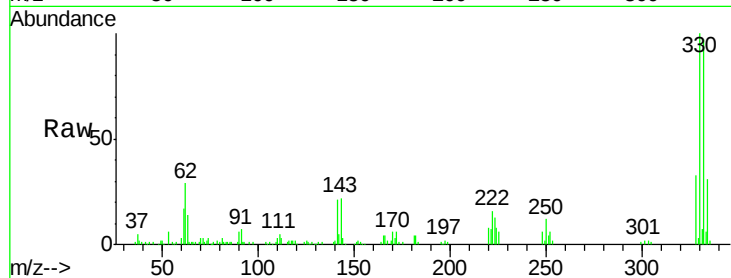




#41
 2,4,6-Tribromophenol
 Concen: 76.413 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107191.D
 Acq: 6 Jul 2018 23:27

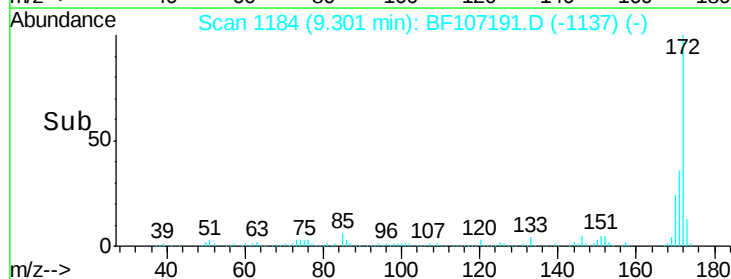
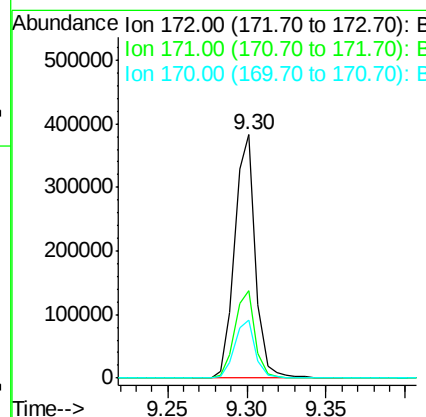
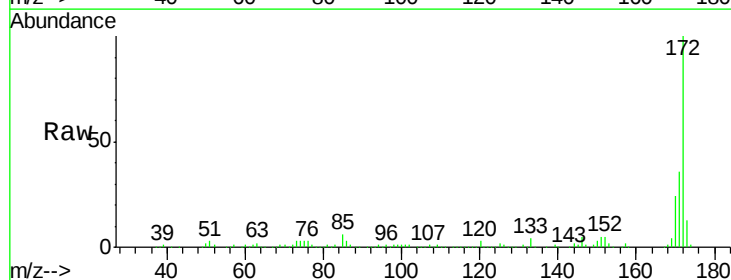
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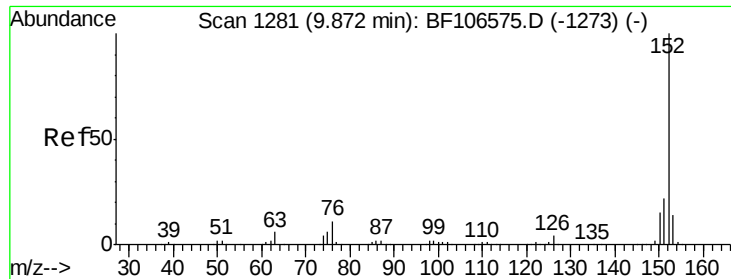
Tgt Ion:330 Resp: 76114
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 25.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 64.672 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107191.D
 Acq: 6 Jul 2018 23:27

Tgt Ion:172 Resp: 346282
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.6 19.6 29.4

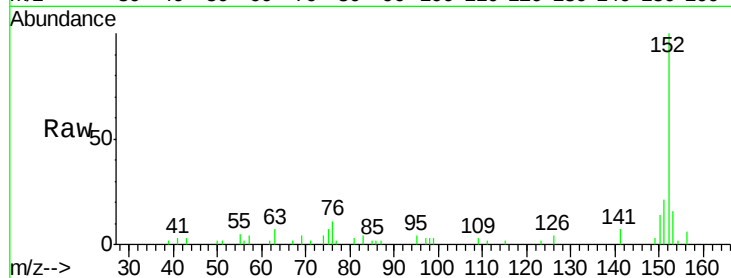




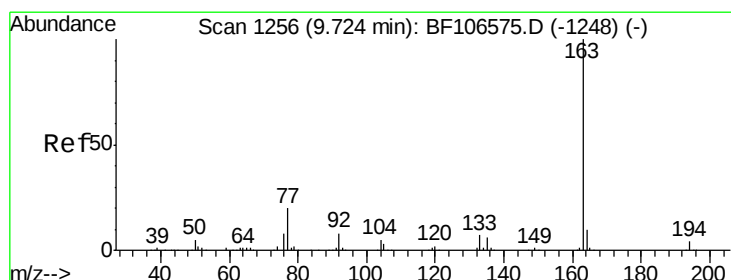
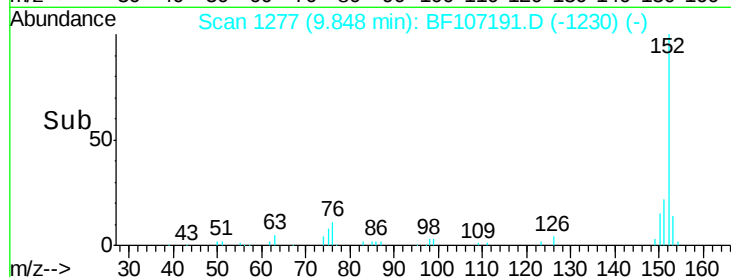
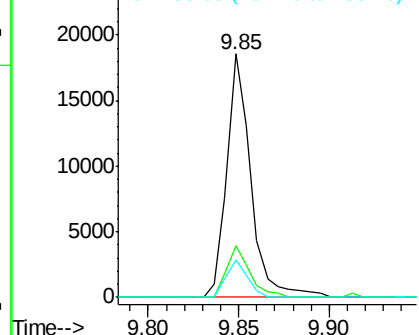
#48
Acenaphthylene
Concen: 2.019 ng
RT: 9.85 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF107191.D
Acq: 6 Jul 2018 23:27

Instrument :
BNA_F
ClientSampleId :
ZER-SB-101-03-04-0-11

Tgt Ion:152 Resp: 17188
Ion Ratio Lower Upper
152 100
151 21.4 16.3 24.5
153 15.6 10.7 16.1

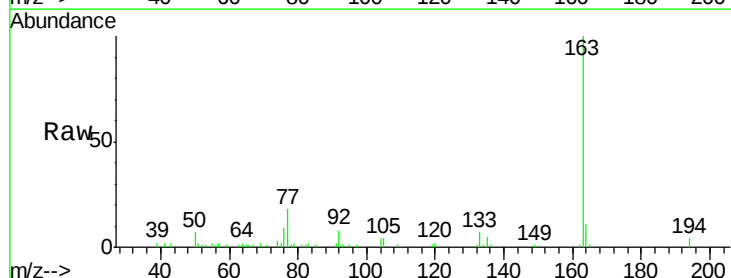


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

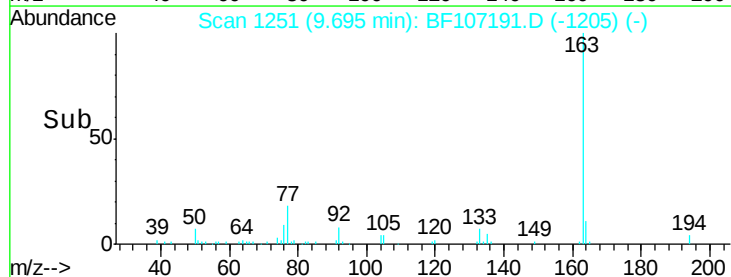
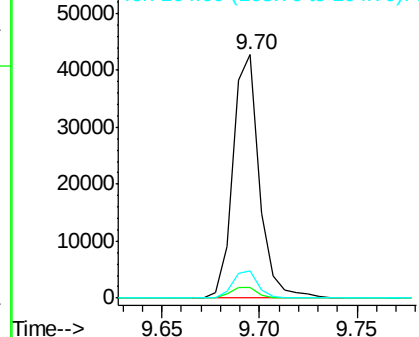


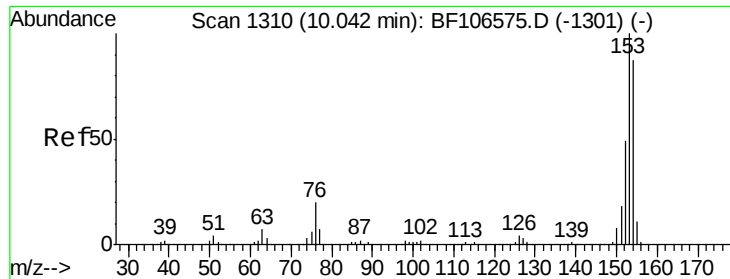
#49
Dimethylphthalate
Concen: 6.199 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107191.D
Acq: 6 Jul 2018 23:27

Tgt Ion:163 Resp: 39958
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 11.1 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: 2.143 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

Instrument :

BNA_F

ClientSampleId :

ZER-SB-101-03-04-0-11

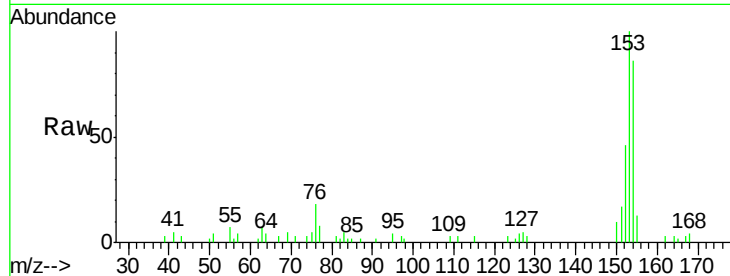
Tgt Ion:154 Resp: 11487

Ion Ratio Lower Upper

154 100

153 116.9 91.2 136.8

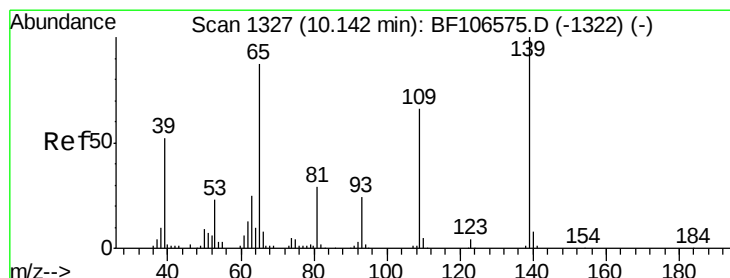
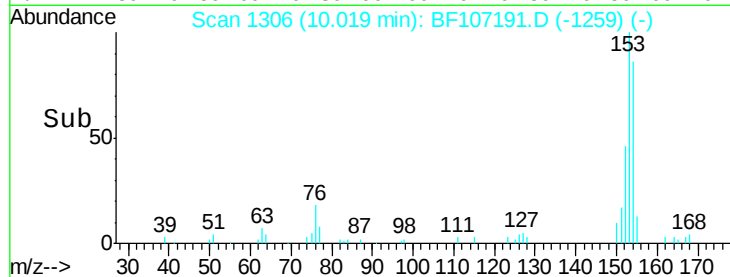
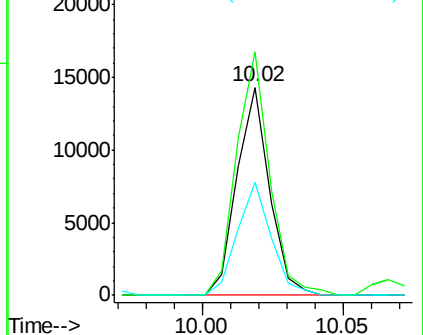
152 54.2 43.8 65.8



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



#55

4-Nitrophenol

Concen: 3.368 ng

RT: 10.19 min Scan# 1335

Delta R.T. 0.05 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

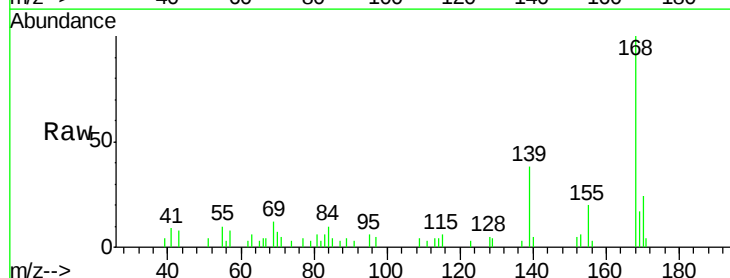
Tgt Ion:139 Resp: 3693

Ion Ratio Lower Upper

139 100

109 10.4 48.4 88.4#

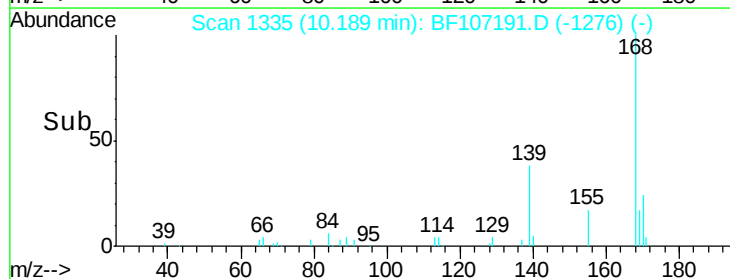
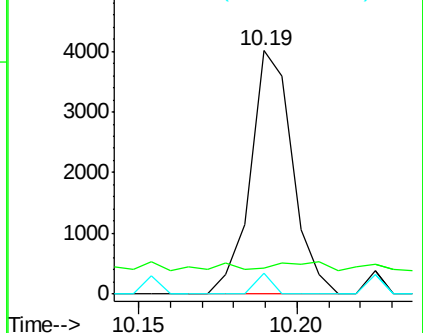
65 8.6 72.6 112.6#

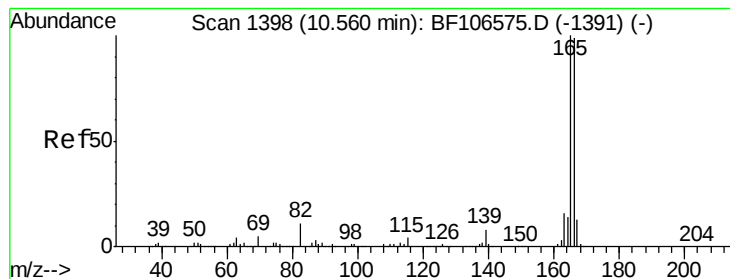


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

Fluorene

Concen: 3.397 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

Instrument :

BNA_F

ClientSampleId :

ZER-SB-101-03-04-0-11

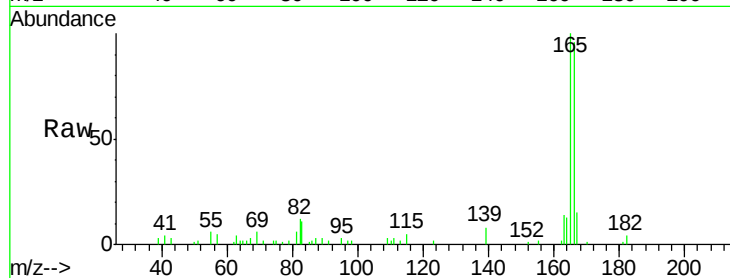
Tgt Ion:166 Resp: 19783

Ion Ratio Lower Upper

166 100

165 104.1 79.8 119.8

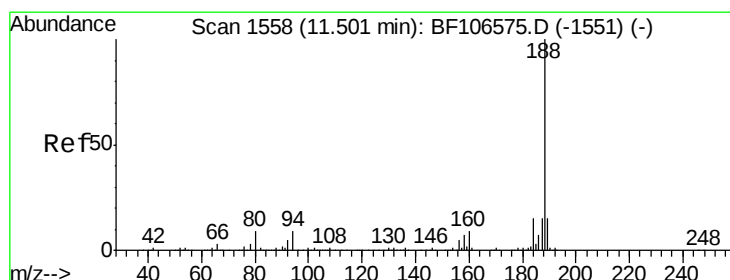
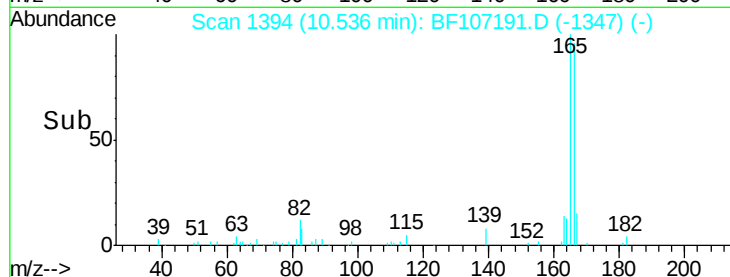
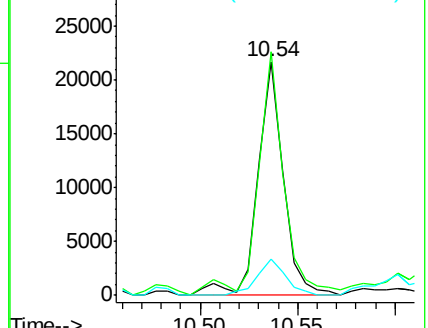
167 15.2 10.6 16.0



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: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

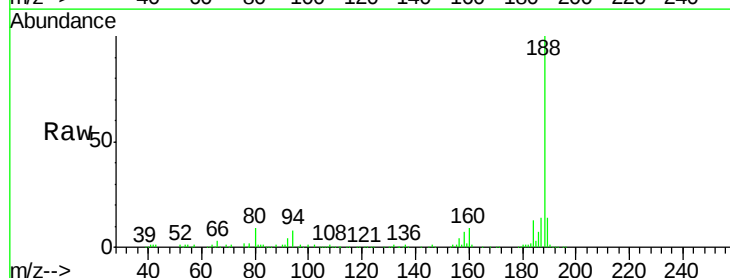
Tgt Ion:188 Resp: 158649

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

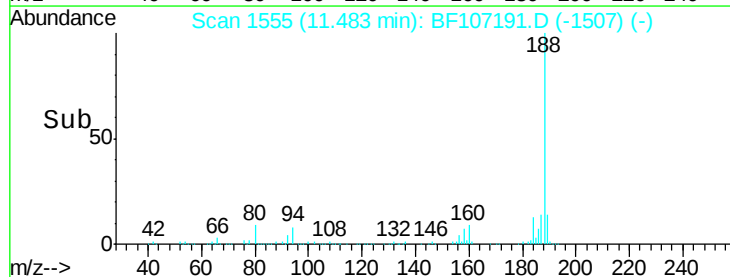
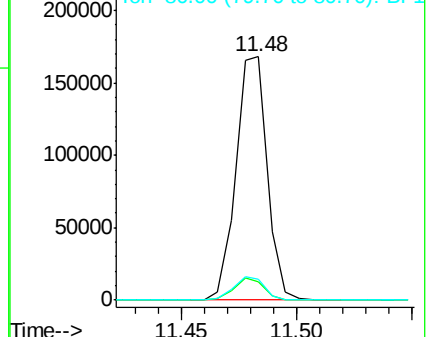
80 8.7 9.2 13.8#

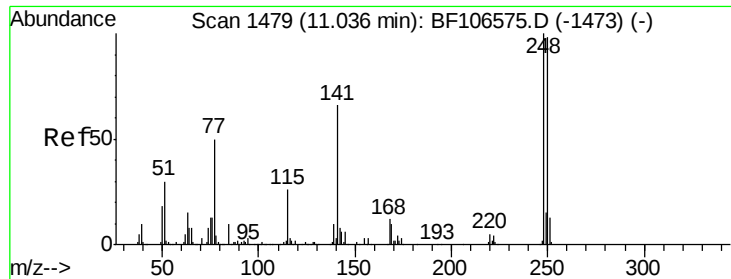


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

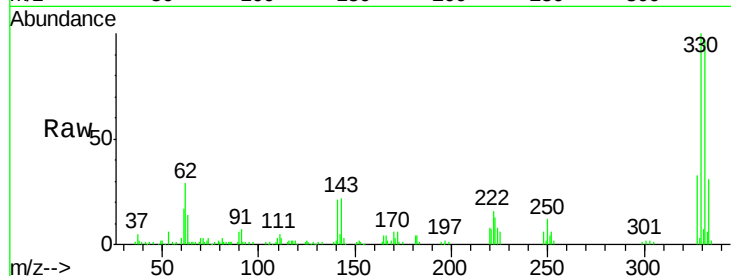




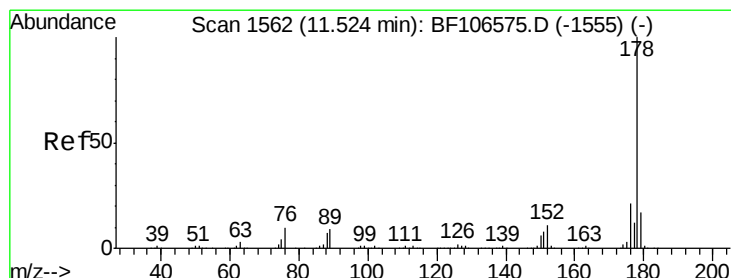
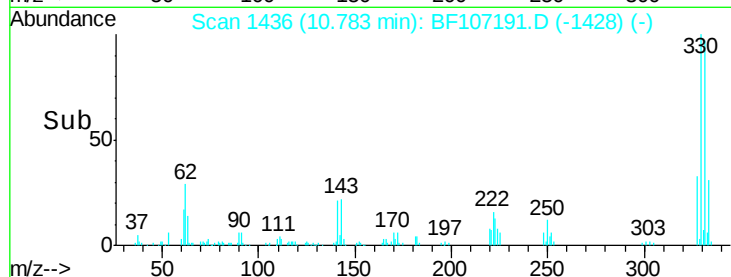
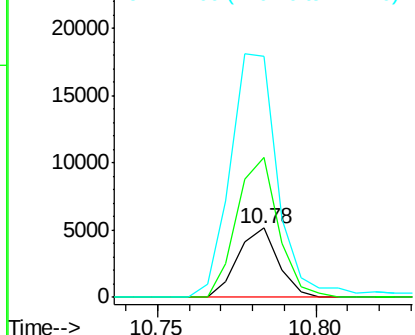
#66
 4-Bromophenyl-phenylether
 Concen: 2.411 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF107191.D
 Acq: 6 Jul 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-101-03-04-0-11

Tgt Ion:248 Resp: 4565
 Ion Ratio Lower Upper
 248 100
 250 201.4 76.9 115.3#
 141 347.2 74.4 111.6#

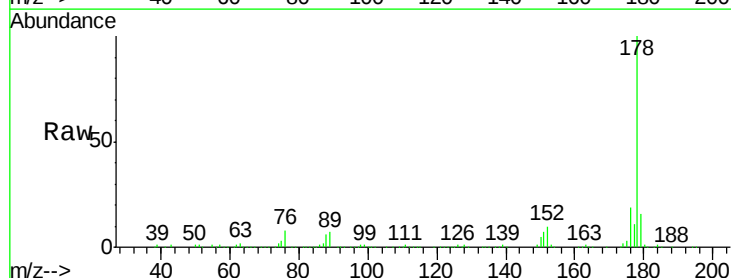


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

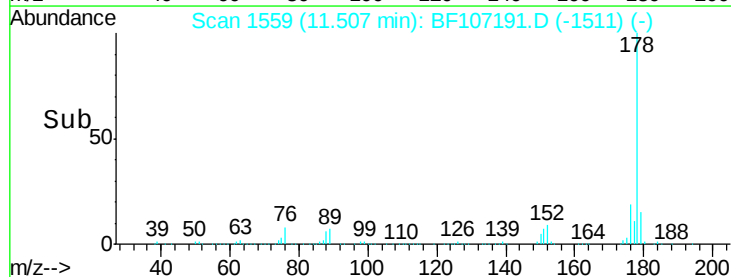
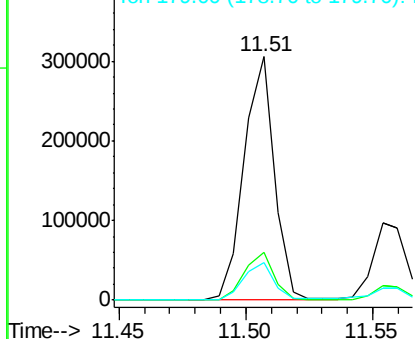


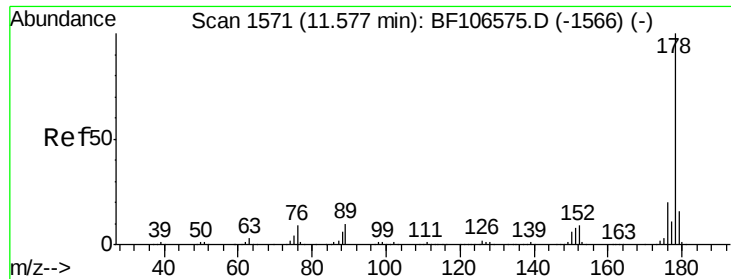
#70
 Phenanthrene
 Concen: 33.381 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107191.D
 Acq: 6 Jul 2018 23:27

Tgt Ion:178 Resp: 255427
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.6 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

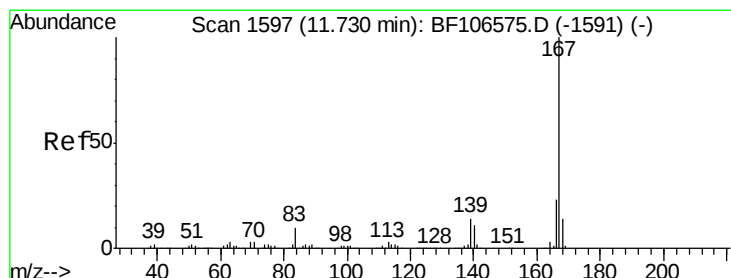
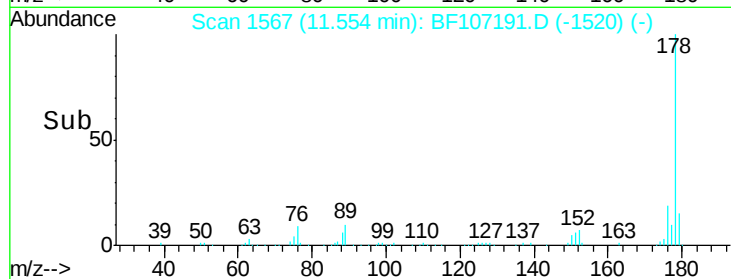
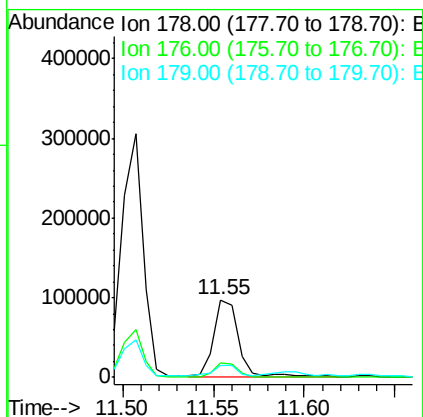
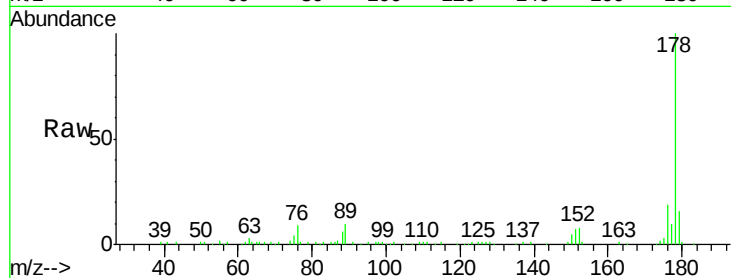




#71
 Anthracene
 Concen: 11.741 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BF107191.D
 Acq: 6 Jul 2018 23:27

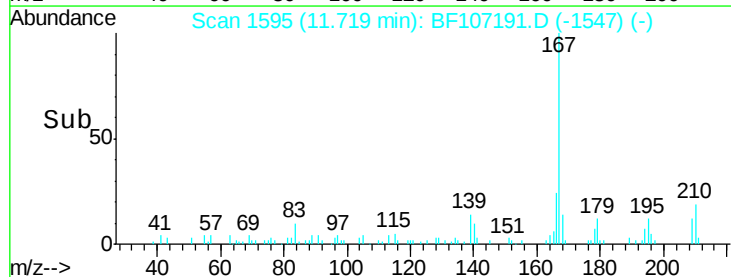
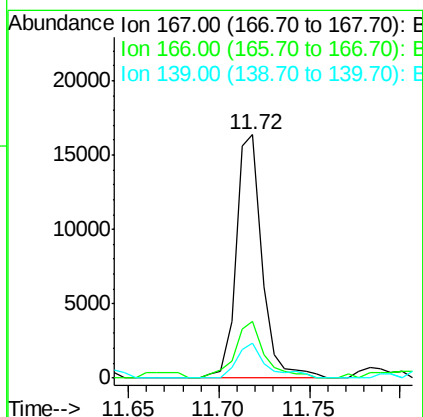
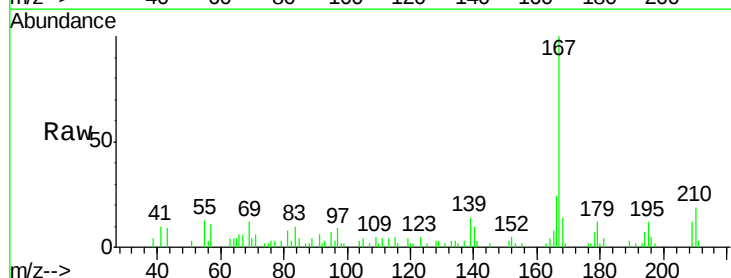
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-101-03-04-0-11

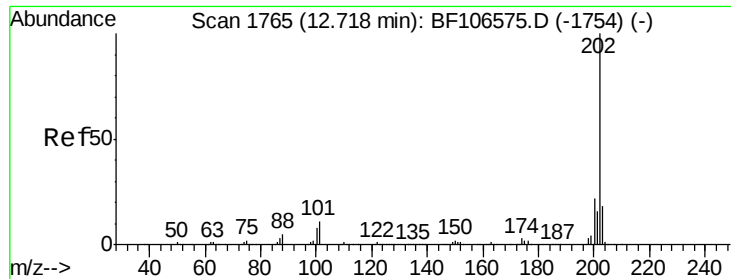
Tgt Ion:178 Resp: 91701
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 2.238 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107191.D
 Acq: 6 Jul 2018 23:27

Tgt Ion:167 Resp: 16368
 Ion Ratio Lower Upper
 167 100
 166 23.6 17.6 26.4
 139 14.3 10.9 16.3





#74

Fluoranthene

Concen: 62.251 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

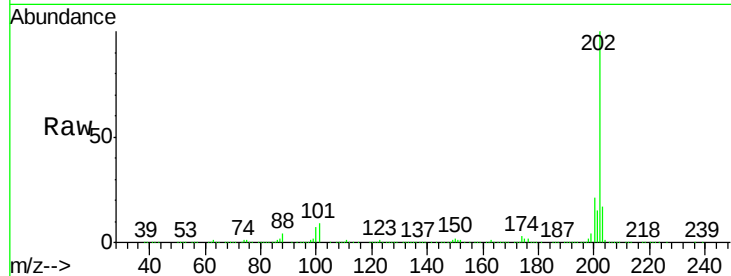
Instrument :

BNA_F

ClientSampleId :

ZER-SB-101-03-04-0-11

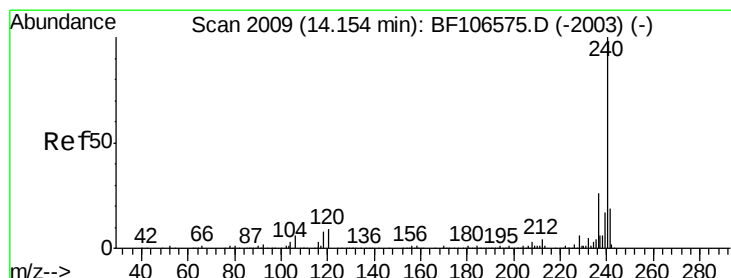
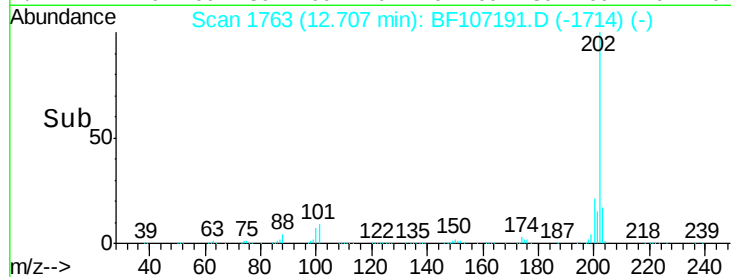
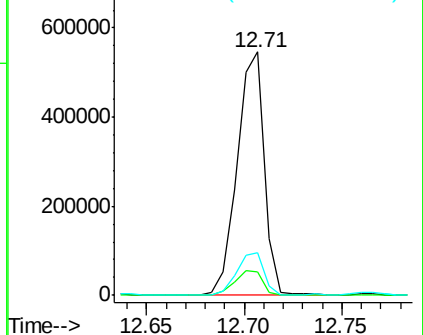
Tgt Ion:	202	Resp:	525026
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	34.1
203	17.3	0.0	38.1



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

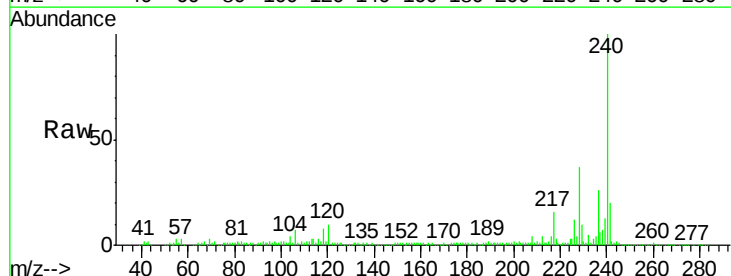
RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

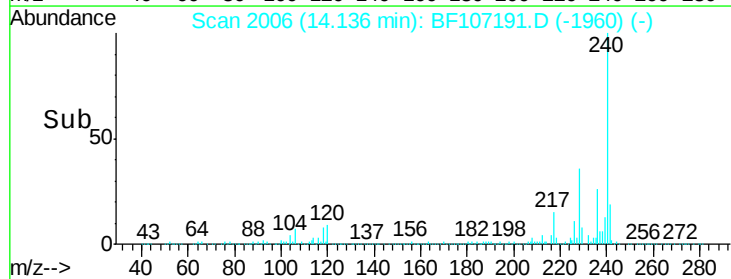
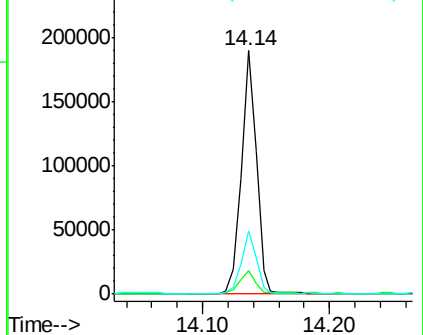
Tgt Ion:	240	Resp:	154075
Ion Ratio	Lower	Upper	
240	100		
120	9.6	9.5	14.3
236	26.0	20.7	31.1

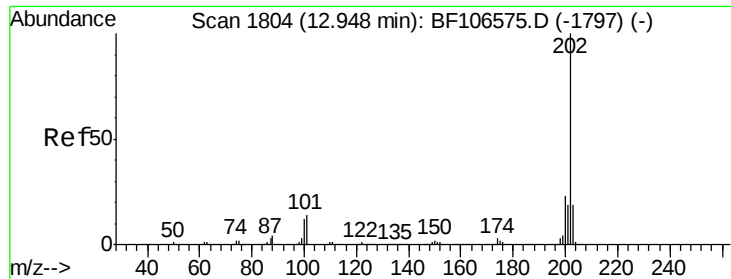


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 51.806 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

Instrument :

BNA_F

ClientSampleId :

ZER-SB-101-03-04-0-11

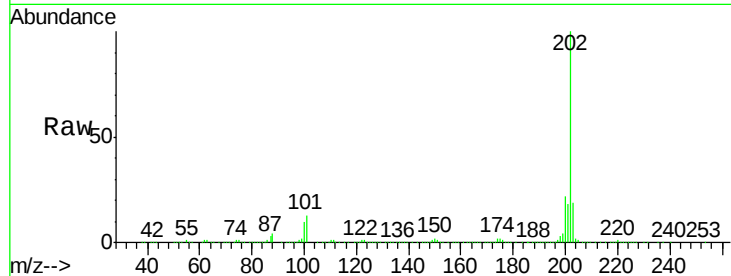
Tgt Ion:202 Resp: 526362

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

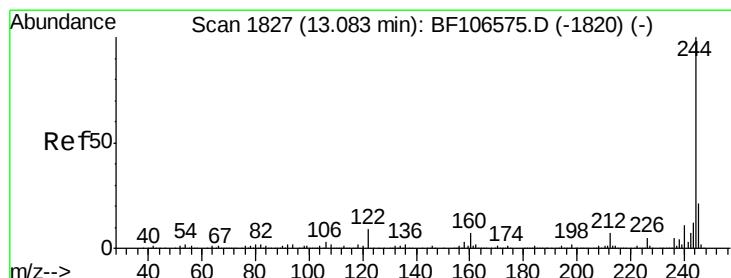
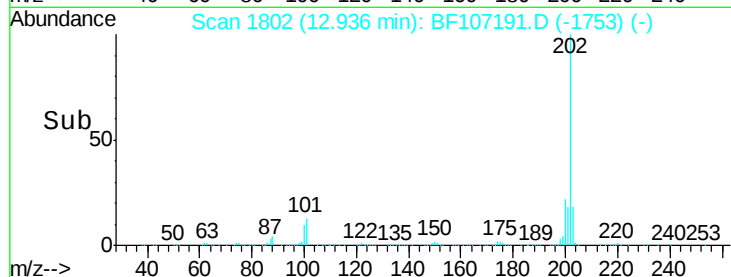
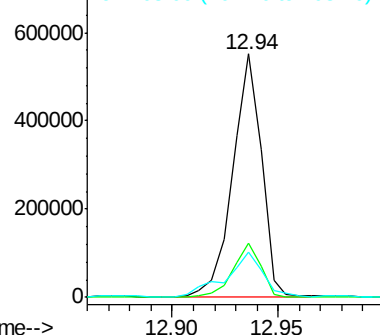
203 18.6 14.3 21.5



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: 61.501 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

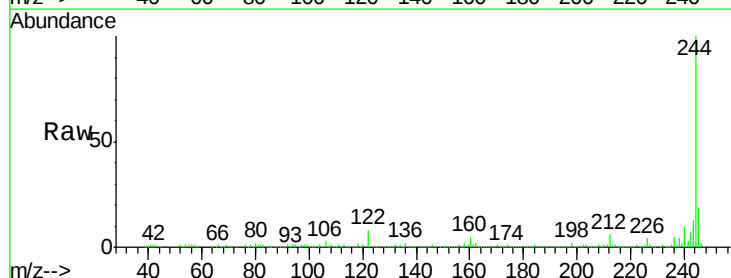
Tgt Ion:244 Resp: 391186

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

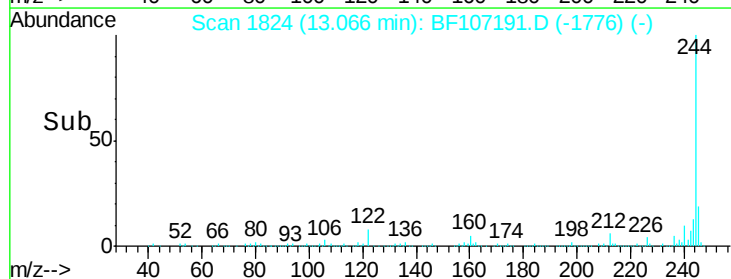
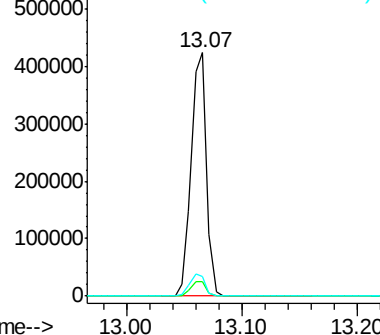
122 7.9 11.0 16.4

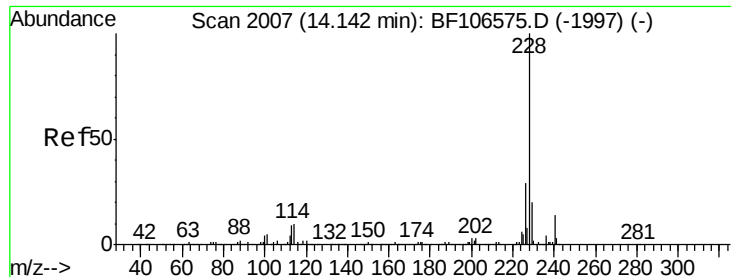


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 32.124 ng

RT: 14.12 min Scan# 2004

Delta R.T. -0.03 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

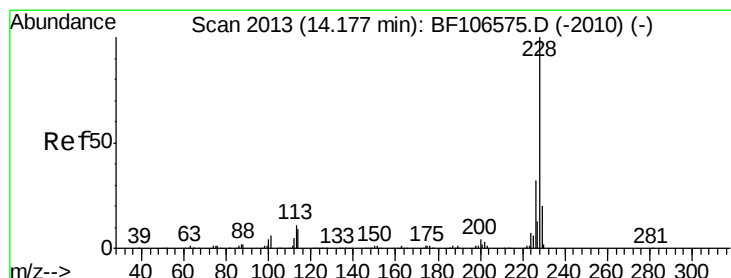
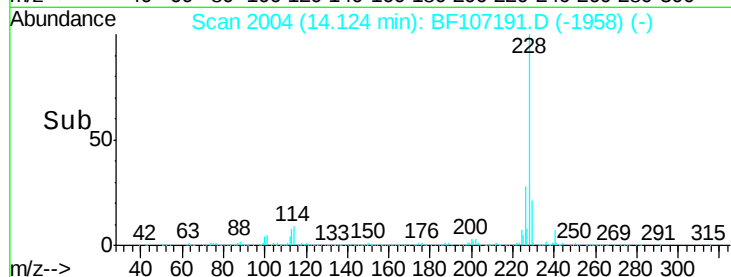
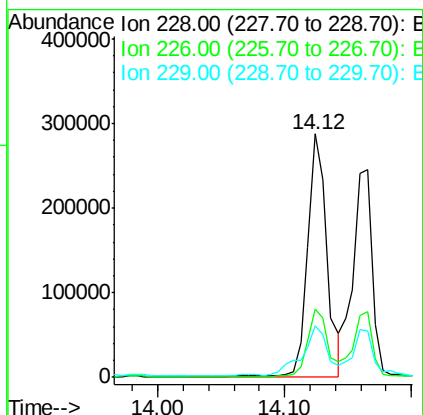
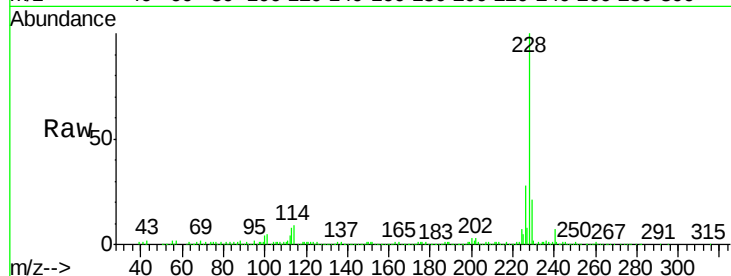
Instrument :

BNA_F

ClientSampleId :

ZER-SB-101-03-04-0-11

Tgt Ion:	228	Resp:	301655
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	21.1	15.8	23.6



#82

Chrysene

Concen: 29.845 ng

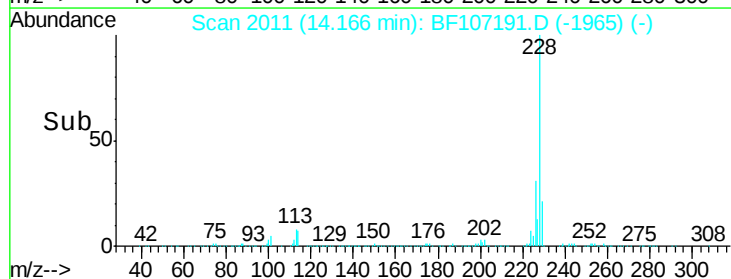
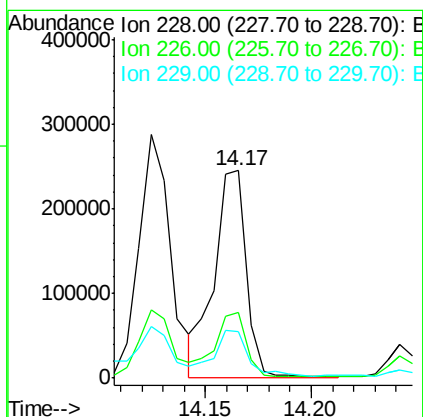
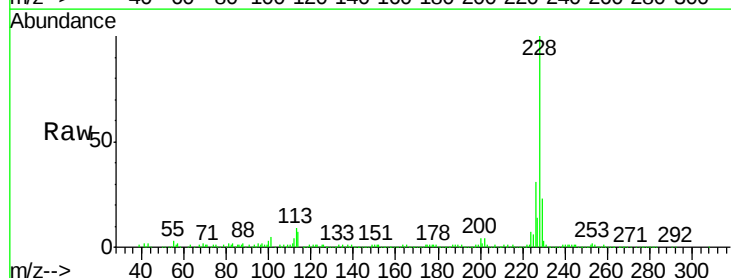
RT: 14.17 min Scan# 2011

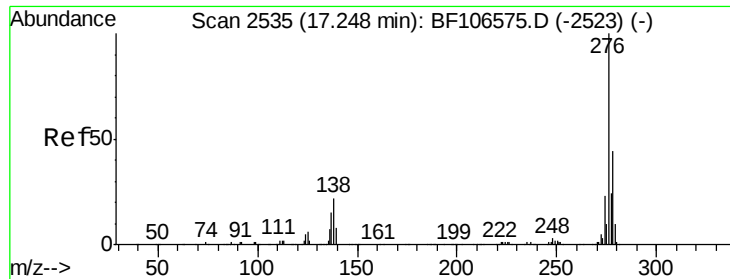
Delta R.T. -0.03 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

Tgt Ion:	228	Resp:	257831
Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	22.6	16.2	24.4

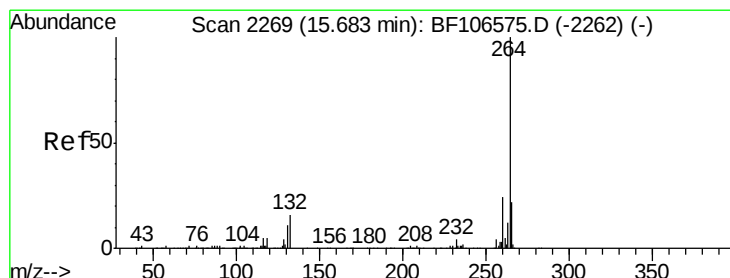
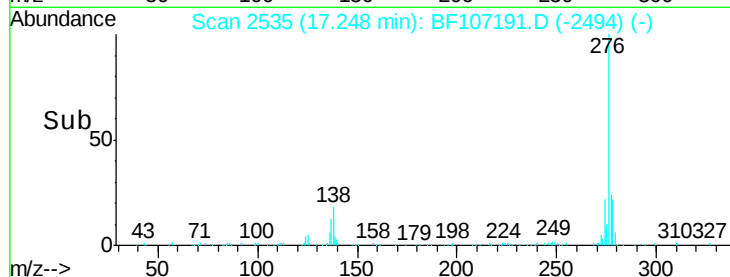
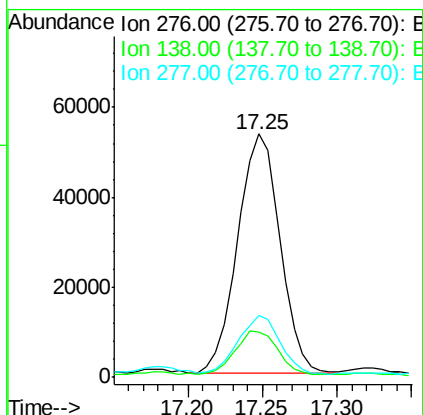
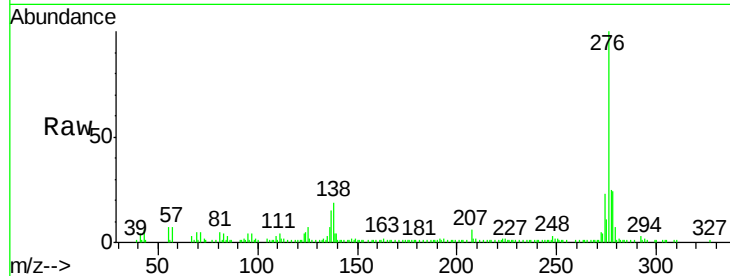




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 14.241 ng
 RT: 17.25 min Scan# 2535
 Delta R.T. -0.06 min
 Lab File: BF107191.D
 Acq: 6 Jul 2018 23:27

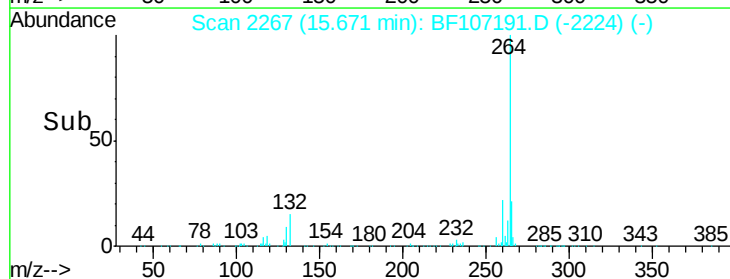
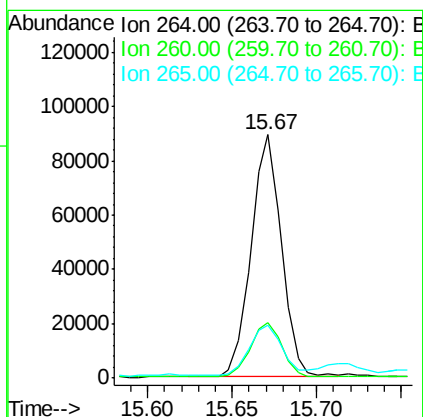
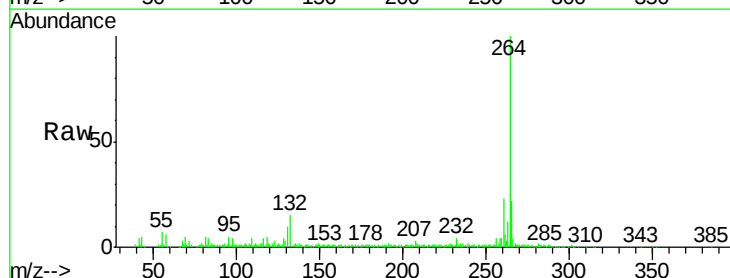
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-101-03-04-0-11

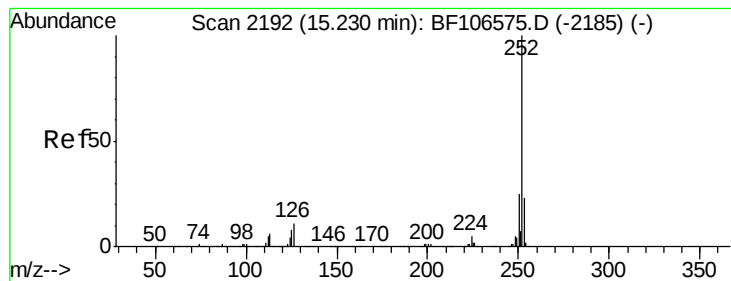
Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	25.0	37.6#
277	24.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF107191.D
 Acq: 6 Jul 2018 23:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 51.499 ng

RT: 15.21 min Scan# 2189

Delta R.T. -0.05 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

Instrument :

BNA_F

ClientSampleId :

ZER-SB-101-03-04-0-11

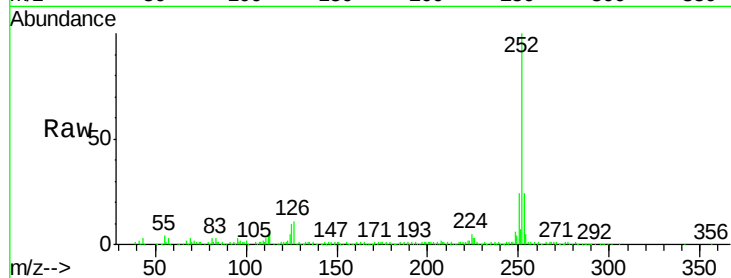
Tgt Ion:252 Resp: 358412

Ion Ratio Lower Upper

252 100

253 23.6 17.0 25.6

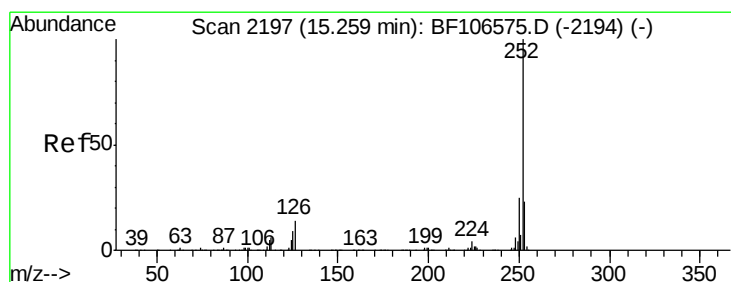
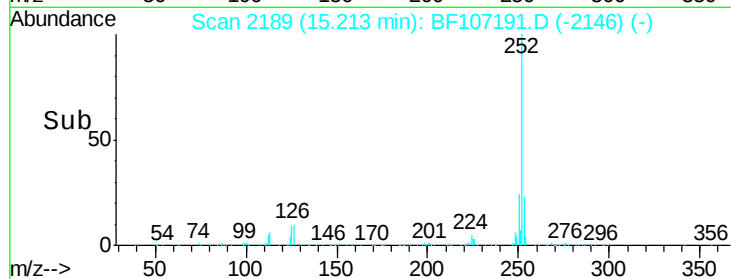
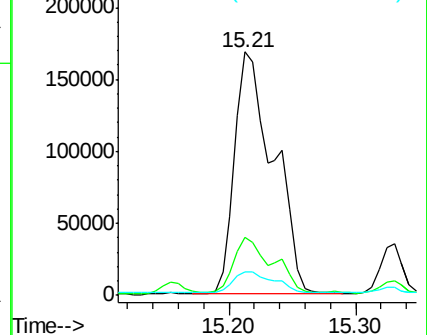
125 9.8 9.0 13.6



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: 54.079 ng

RT: 15.21 min Scan# 2189

Delta R.T. -0.08 min

Lab File: BF107191.D

Acq: 6 Jul 2018 23:27

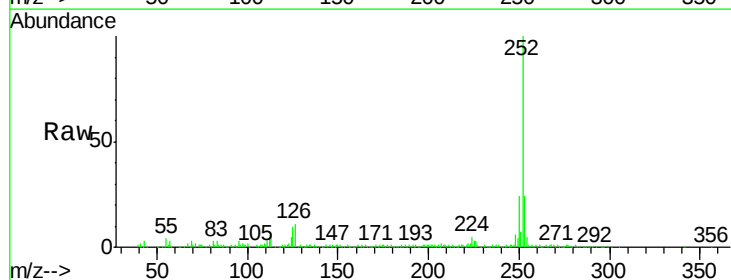
Tgt Ion:252 Resp: 358412

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

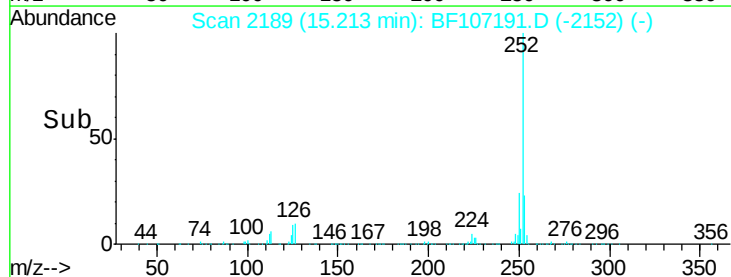
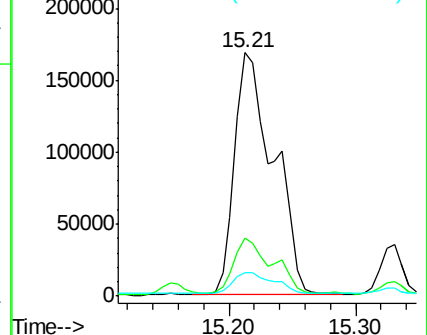
125 9.8 10.2 15.2#

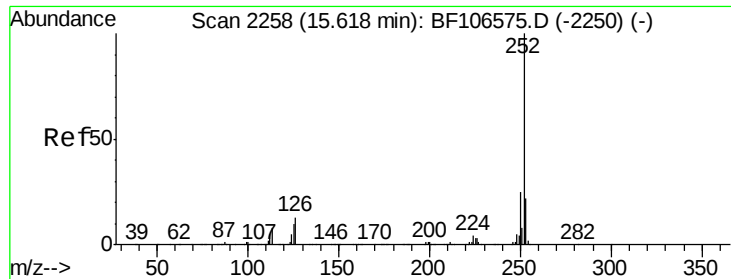


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

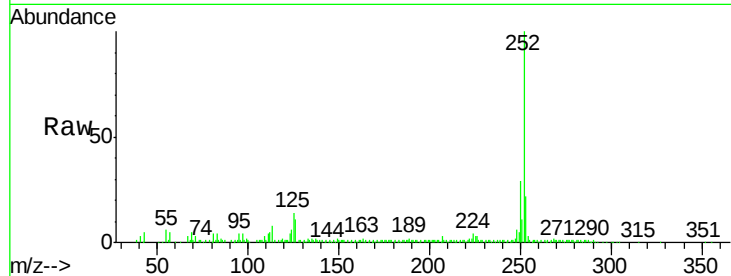




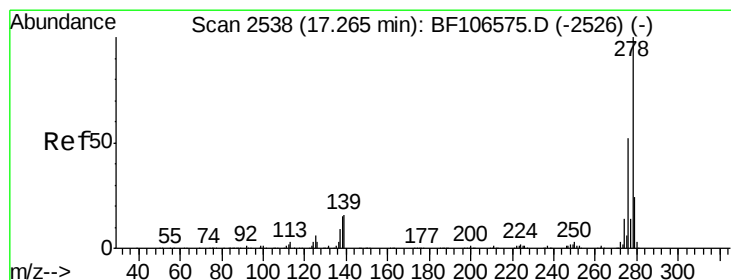
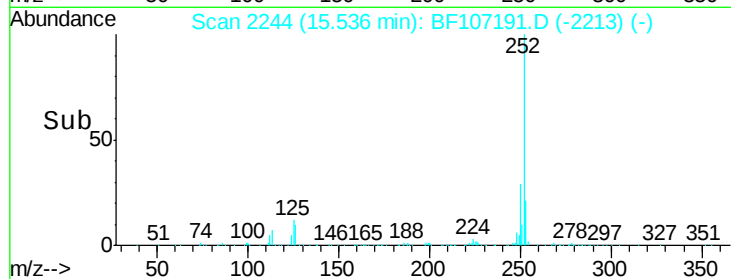
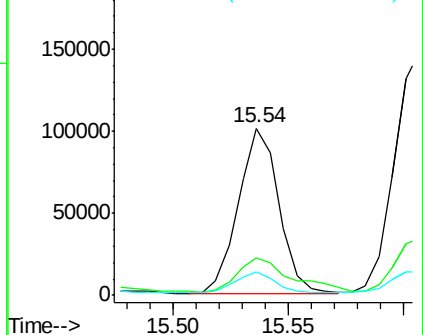
#89
Benzo(a)pyrene
Concen: 20.290 ng
RT: 15.54 min Scan# 2244
Delta R.T. -0.12 min
Lab File: BF107191.D
Acq: 6 Jul 2018 23:27

Instrument :
BNA_F
ClientSampleId :
ZER-SB-101-03-04-0-11

Tgt Ion: 252 Resp: 125535
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 13.9 9.8 14.6

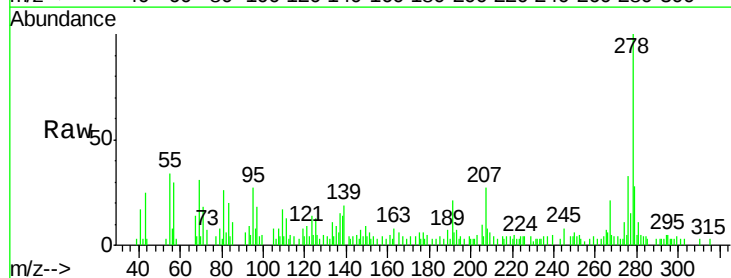


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

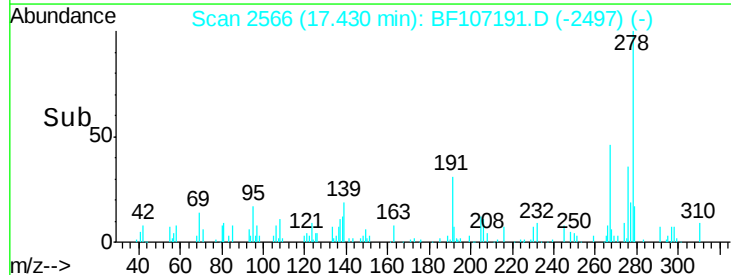
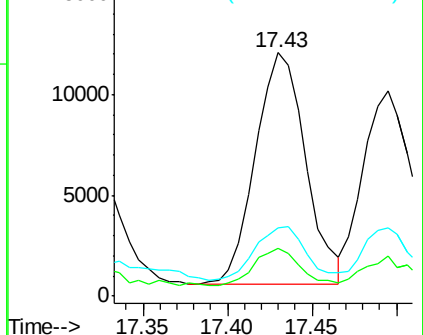


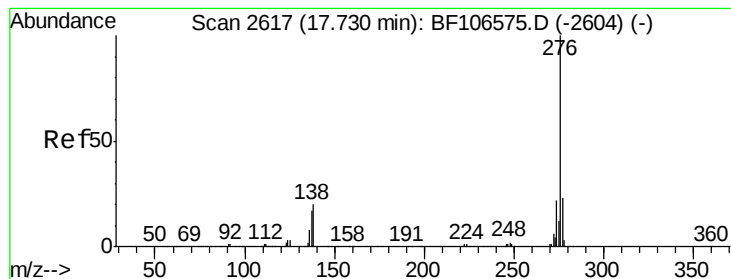
#90
Dibenzo(a,h)anthracene
Concen: 4.560 ng
RT: 17.43 min Scan# 2566
Delta R.T. 0.11 min
Lab File: BF107191.D
Acq: 6 Jul 2018 23:27

Tgt Ion: 278 Resp: 23909
Ion Ratio Lower Upper
278 100
139 19.4 15.9 23.9
279 27.8 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: 20.410 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.05 min

Lab File: BF107191.D

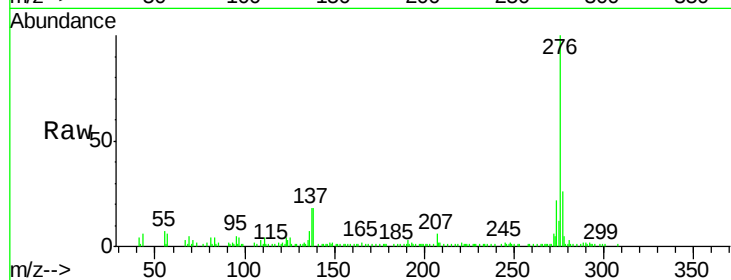
Acq: 6 Jul 2018 23:27

Instrument :

BNA_F

ClientSampleId :

ZER-SB-101-03-04-0-11



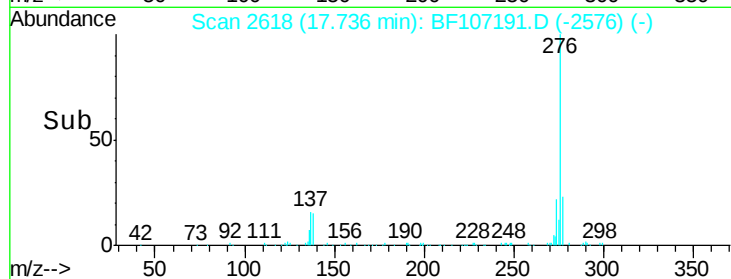
Tgt Ion: 276 Resp: 104603

Ion Ratio Lower Upper

276 100

277 25.5 17.9 26.9

138 17.8 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

