

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
 Data File : BF107213.D
 Acq On : 7 Jul 2018 18:13
 Operator : JU/SJ
 Sample : J3880-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-12

Quant Time: Jul 09 02:16:34 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	70597	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	248765	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	111618	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	214681	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	155568	20.00	ng	-0.02
86) Perylene-d12	15.69	264	122769	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	429327	102.98	ng	0.00
7) Phenol-d6	6.60	99	533349	102.44	ng	-0.01
23) Nitrobenzene-d5	7.52	82	319231	71.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	147533	114.04	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	558297	84.59	ng	-0.02
78) Terphenyl-d14	13.08	244	628598	97.88	ng	0.00

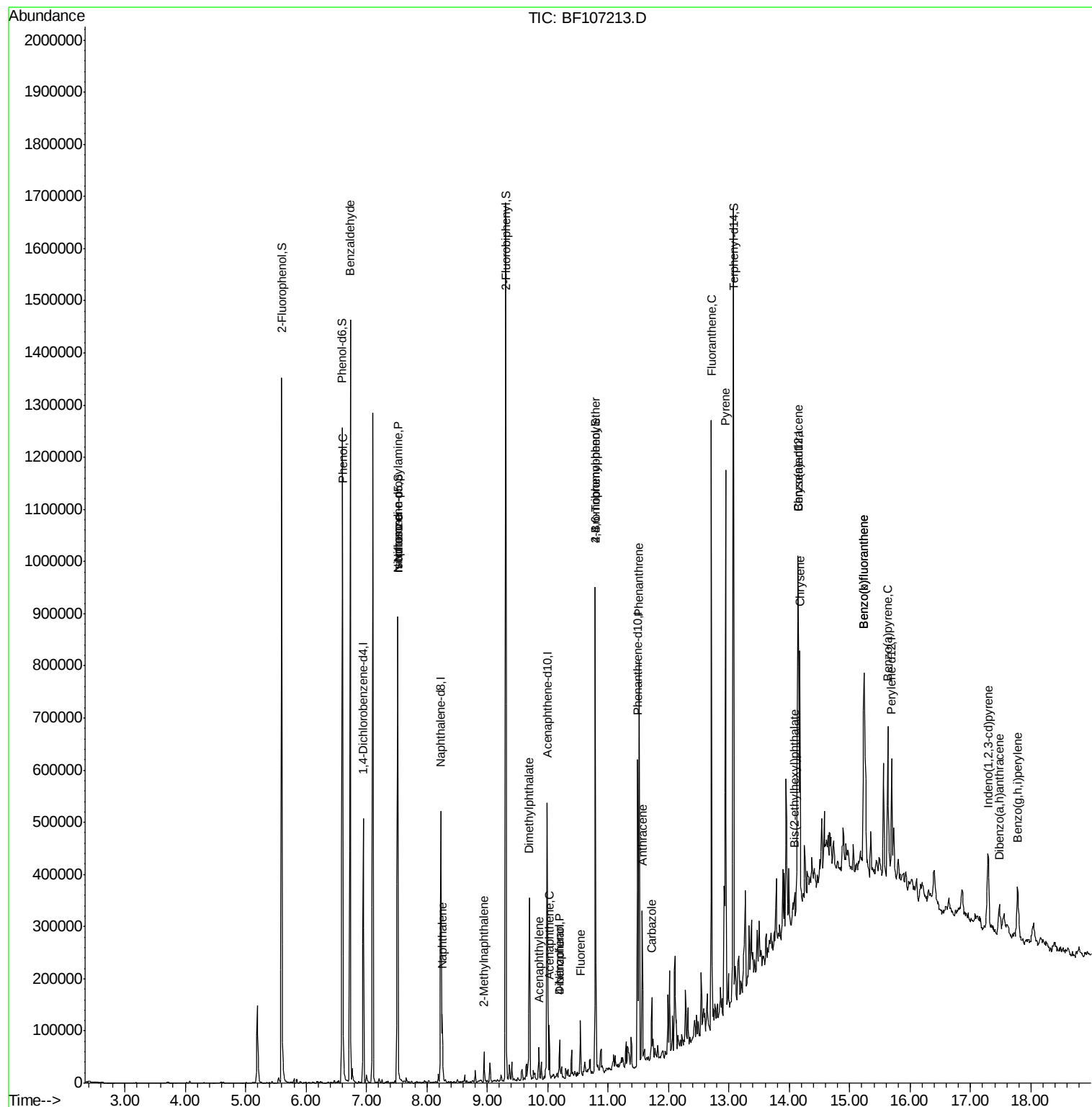
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.73	77	9161	2.098	ng	84
10) Phenol	6.61	94	13732	2.311	ng	82
19) n-Nitroso-di-n-propylamine	7.52	70	42331	12.334	ng	# 73
25) Isophorone	7.52	82	319229	40.471	ng	# 64
31) Naphthalene	8.25	128	49592	4.264	ng	98
37) 2-Methylnaphthalene	8.95	142	18441	2.392	ng	94
48) Acenaphthylene	9.85	152	24860	2.249	ng	98
49) Dimethylphthalate	9.70	163	151835	18.137	ng	# 99
51) Acenaphthene	10.02	154	19228	2.762	ng	98
54) Dibenzofuran	10.20	168	29714	3.117	ng	92
55) 4-Nitrophenol	10.20	139	10543	7.404	ng	# 13
57) Fluorene	10.54	166	29691	3.925	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	9124	3.561	ng	# 1
70) Phenanthrene	11.51	178	309896	29.929	ng	100
71) Anthracene	11.57	178	106818	10.107	ng	99
72) Carbazole	11.72	167	44648	4.512	ng	98
74) Fluoranthene	12.71	202	507318	44.452	ng	96
77) Pyrene	12.95	202	470240	45.838	ng	99
80) Benzo(a)anthracene	14.14	228	251619	26.538	ng	98
82) Chrysene	14.18	228	225196	25.817	ng	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	13472	2.498	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.29	276	97604	13.185	ng	# 86
87) Benzo(b)fluoranthene	15.24	252	328251	43.042	ng	97
88) Benzo(k)fluoranthene	15.24	252	328526	45.236	ng	# 97
89) Benzo(a)pyrene	15.63	252	165932	24.475	ng	95
90) Dibenzo(a,h)anthracene	17.48	278	22184	3.861	ng	94
91) Benzo(g,h,i)perylene	17.78	276	95387	16.985	ng	# 89

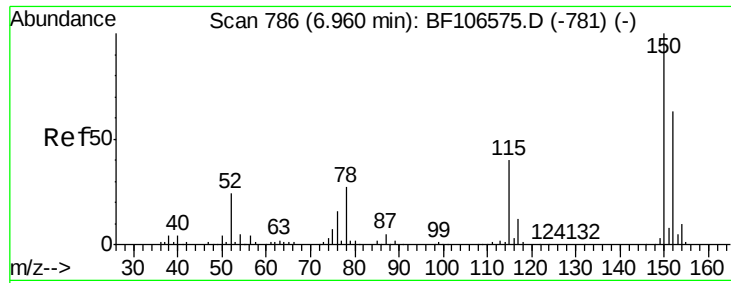
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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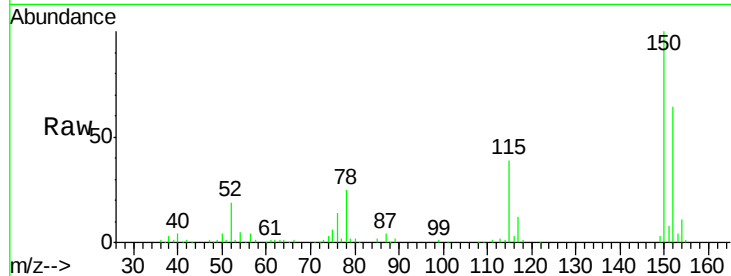




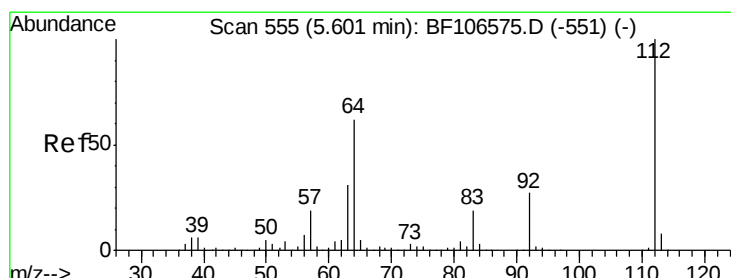
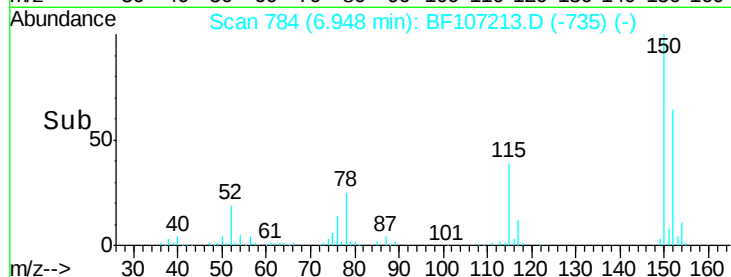
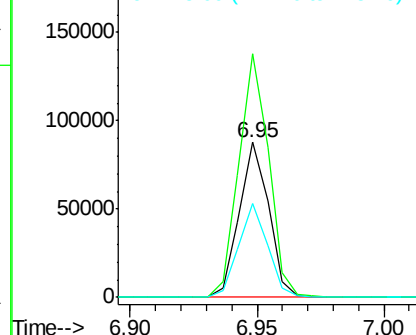
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF107213.D
 Acq: 7 Jul 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-12

Tgt Ion:152 Resp: 70597
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 186.8
 115 60.8 50.1 75.1

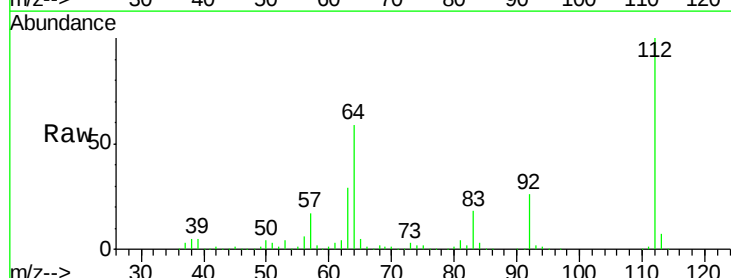


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

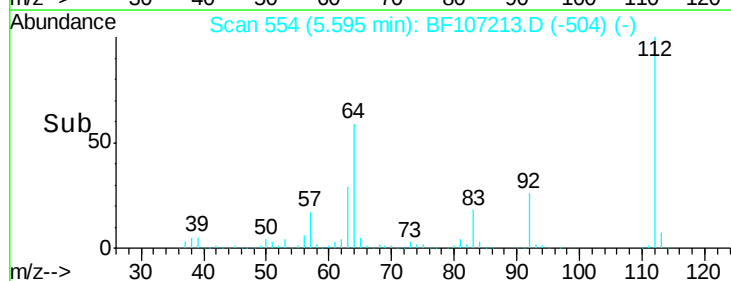
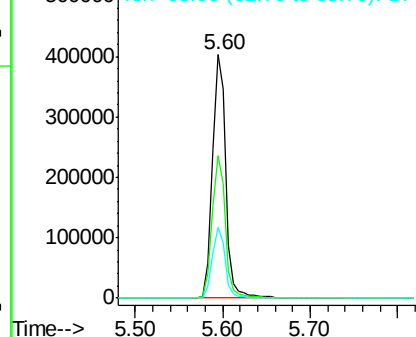


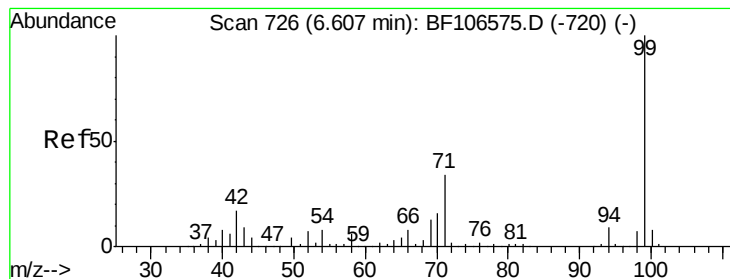
#5
 2-Fluorophenol
 Concen: 102.977 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107213.D
 Acq: 7 Jul 2018 18:13

Tgt Ion:112 Resp: 429327
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 28.9 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: 102.440 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-12

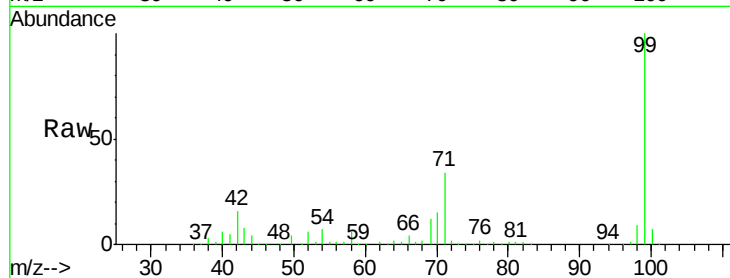
Tgt Ion: 99 Resp: 533349

Ion Ratio Lower Upper

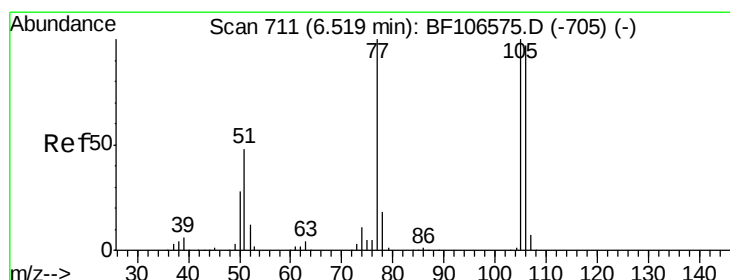
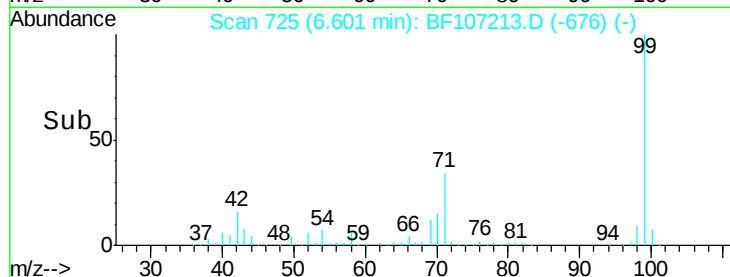
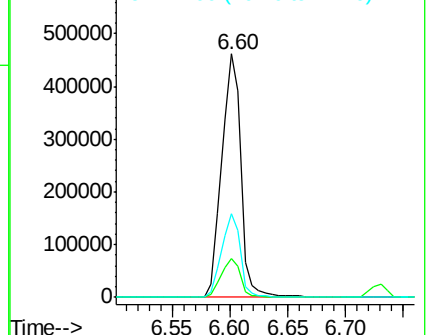
99 100

42 16.2 14.5 21.7

71 34.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.098 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

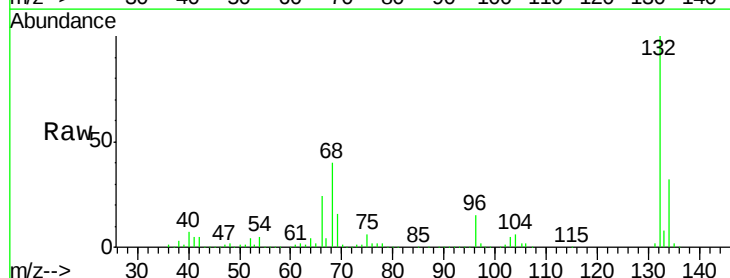
Tgt Ion: 77 Resp: 9161

Ion Ratio Lower Upper

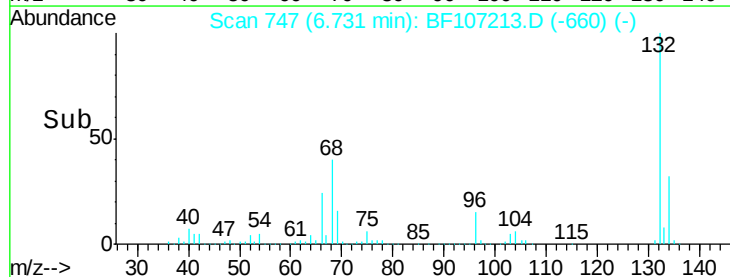
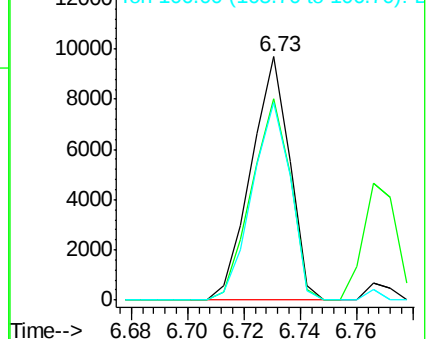
77 100

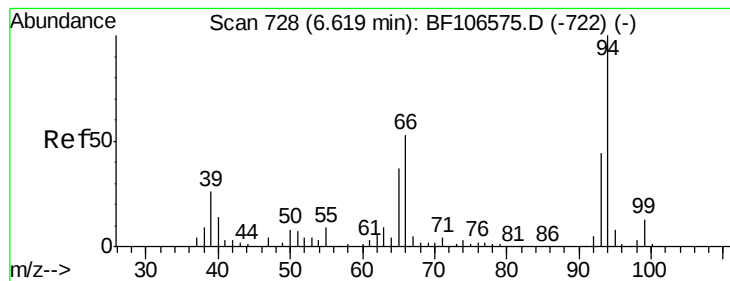
105 82.7 81.1 121.1

106 81.4 74.5 114.5



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





#10

Phenol

Concen: 2.311 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-12

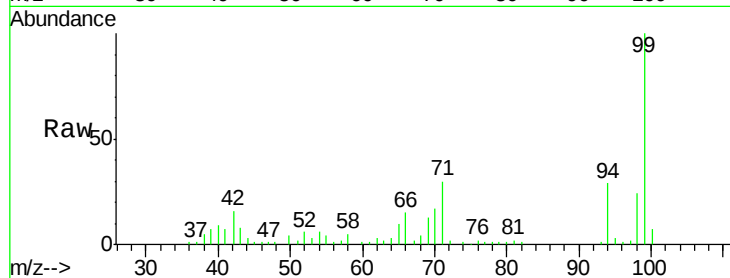
Tgt Ion: 94 Resp: 13732

Ion Ratio Lower Upper

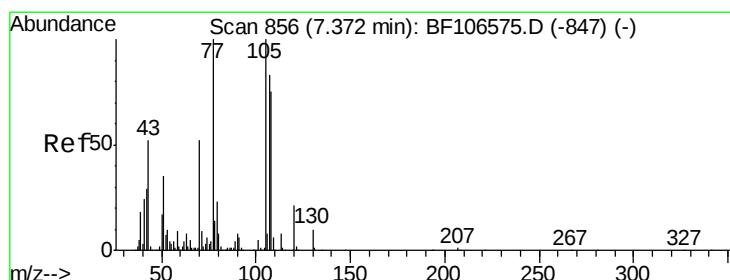
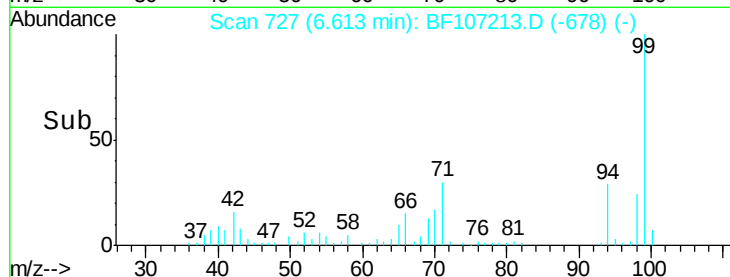
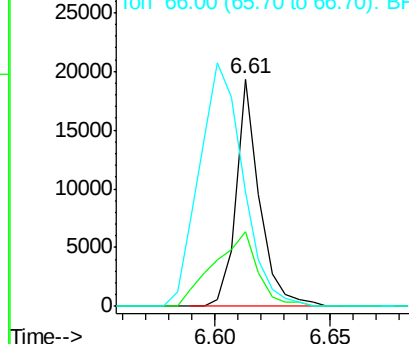
94 100

65 32.9 7.9 47.9

66 50.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.334 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

Tgt Ion: 70 Resp: 42331

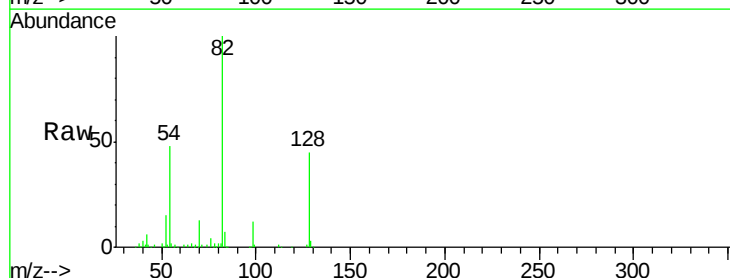
Ion Ratio Lower Upper

70 100

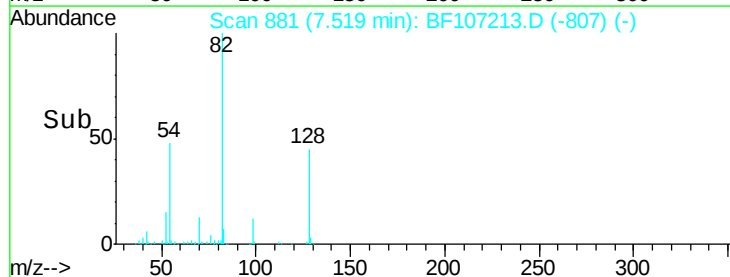
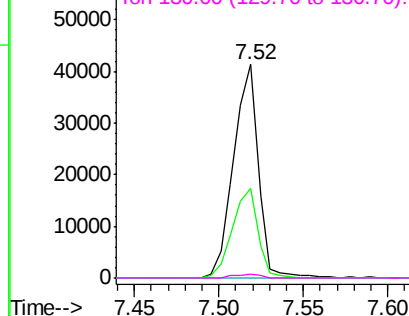
42 42.2 47.5 71.3#

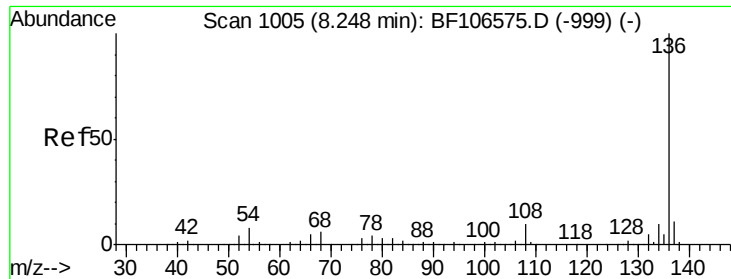
101 0.0 7.4 11.2#

130 2.0 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

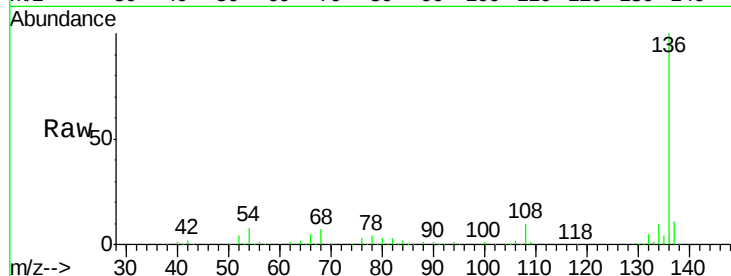




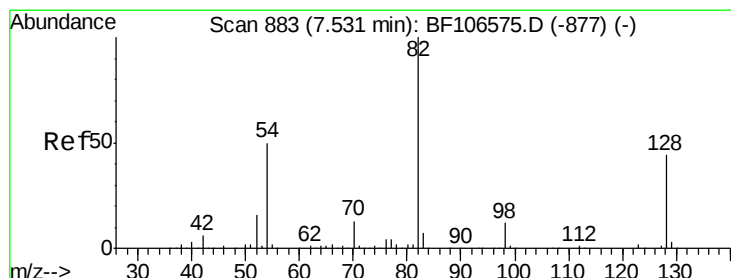
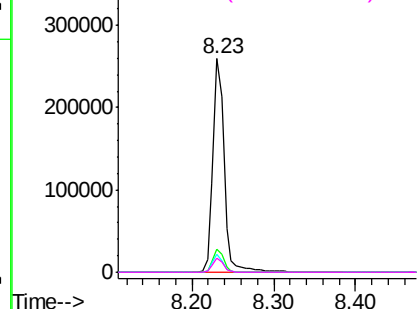
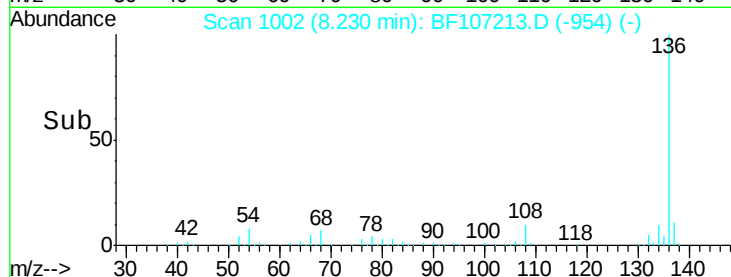
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107213.D
Acq: 7 Jul 2018 18:13

Instrument :
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Tgt Ion:	136	Resp:	248765
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	6.6	9.8
68	6.9	5.0	7.4

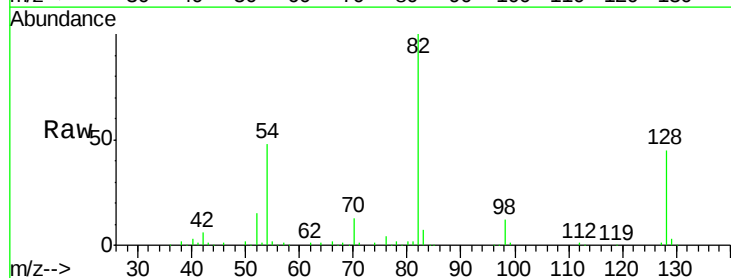


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

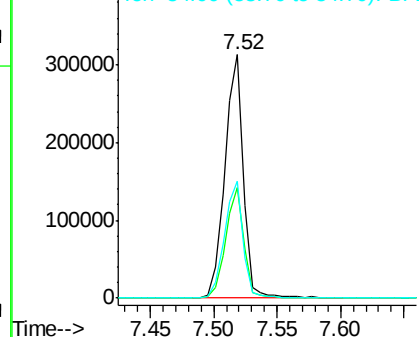
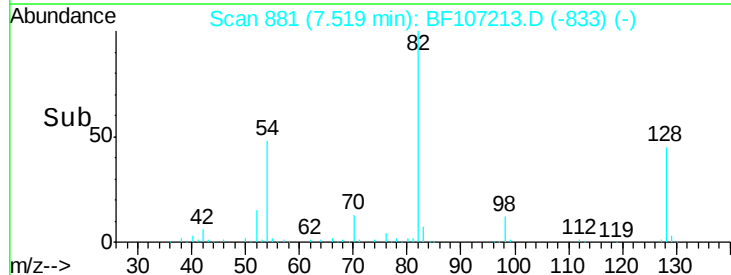


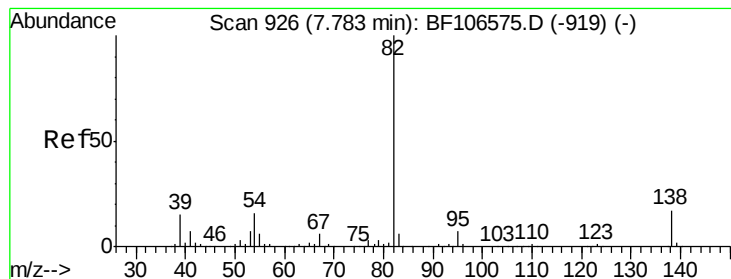
#23
Nitrobenzene-d5
Concen: 71.315 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107213.D
Acq: 7 Jul 2018 18:13

Tgt Ion:	82	Resp:	319231
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	47.8	41.4	62.2



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





#25

Isophorone

Concen: 40.471 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-12

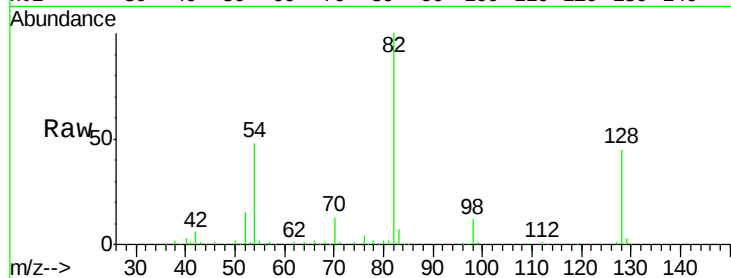
Tgt Ion: 82 Resp: 319229

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

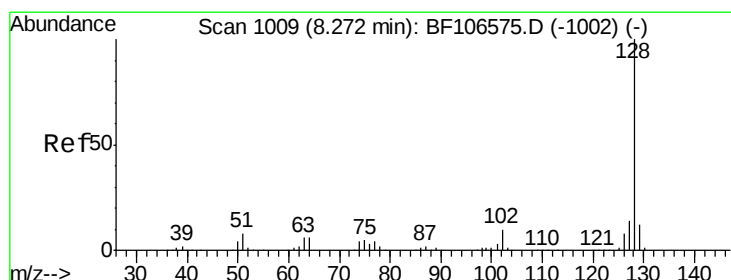
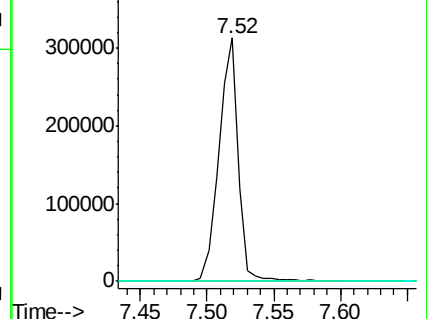
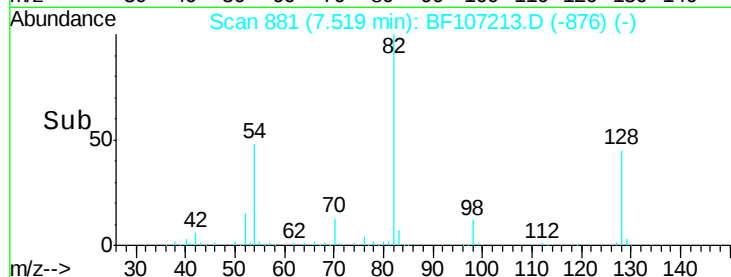
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 4.264 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

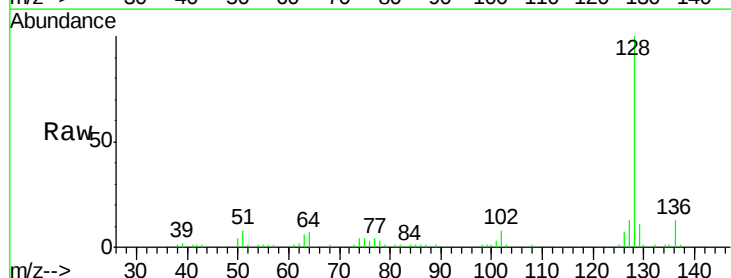
Tgt Ion: 128 Resp: 49592

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

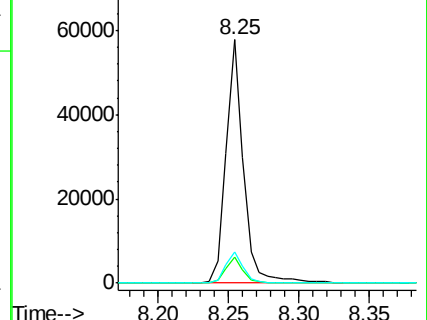
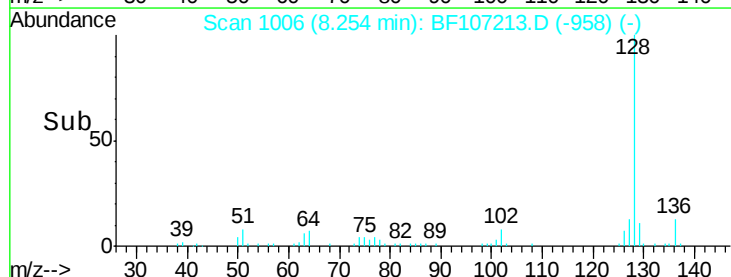
127 12.6 10.9 16.3

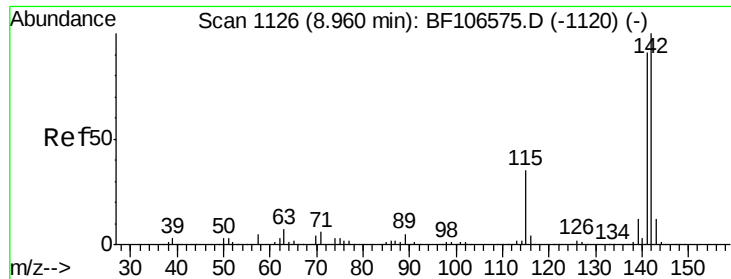


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

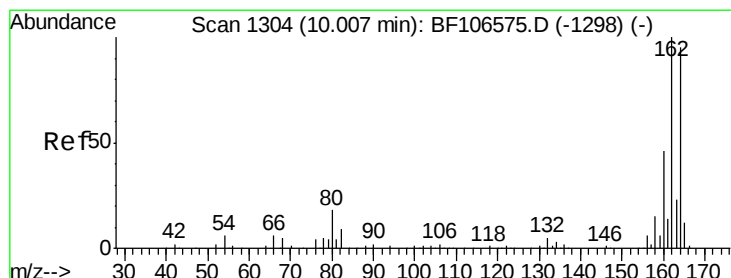
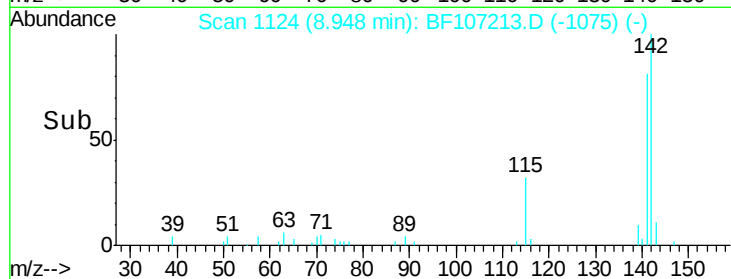
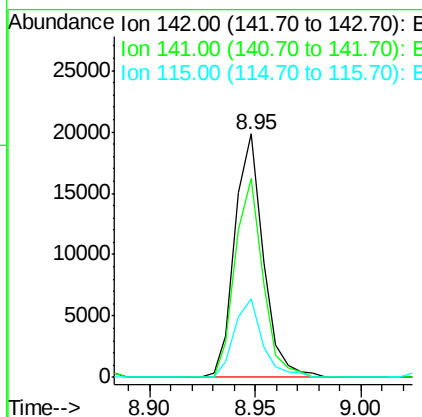
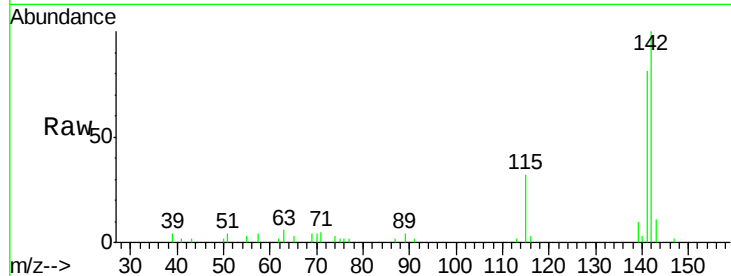




#37
 2-Methylnaphthalene
 Concen: 2.392 ng
 RT: 8.95 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF107213.D
 Acq: 7 Jul 2018 18:13

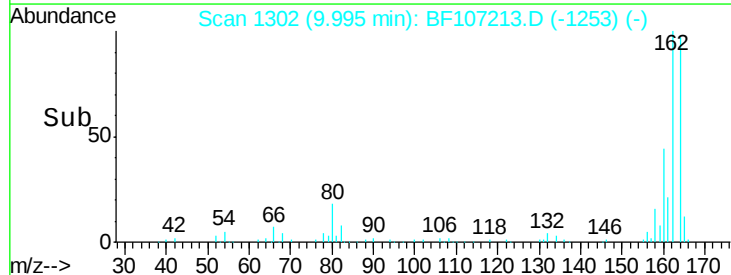
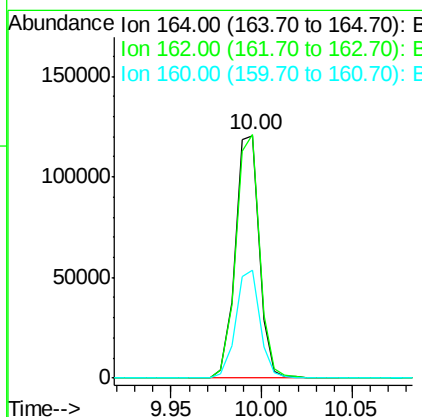
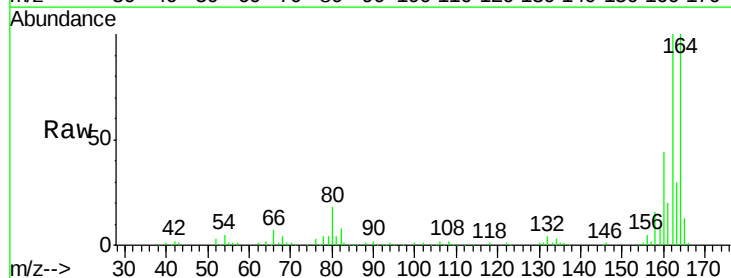
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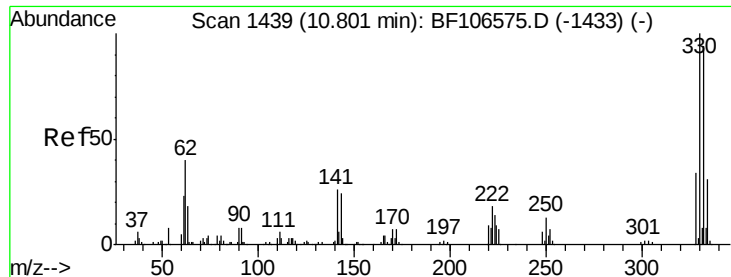
Tgt Ion:142 Resp: 18441
 Ion Ratio Lower Upper
 142 100
 141 81.4 70.8 106.2
 115 32.0 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107213.D
 Acq: 7 Jul 2018 18:13

Tgt Ion:164 Resp: 111618
 Ion Ratio Lower Upper
 164 100
 162 100.5 86.1 129.1
 160 44.4 38.3 57.5

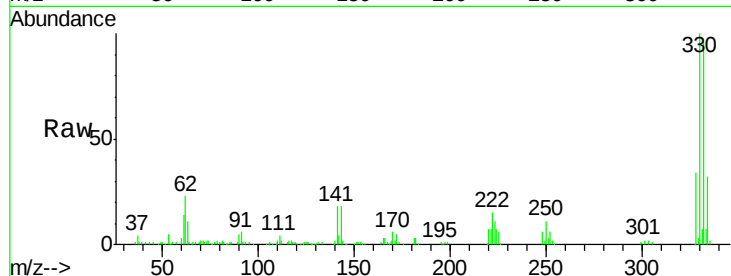




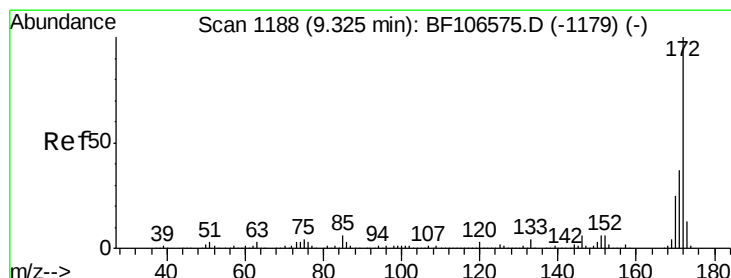
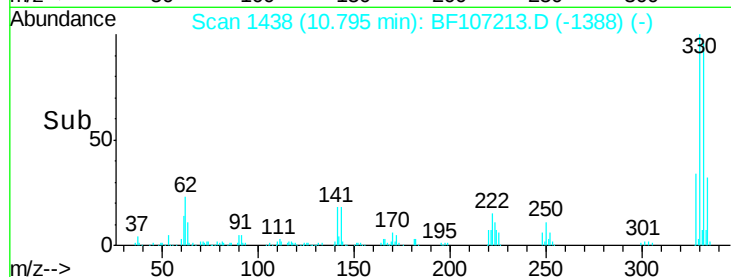
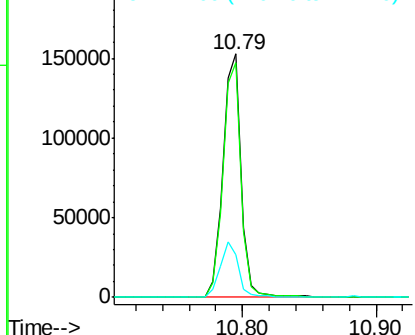
#41
 2,4,6-Tribromophenol
 Concen: 114.041 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107213.D
 Acq: 7 Jul 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-12

Tgt Ion:330 Resp: 147533
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 23.9 29.9 44.9#

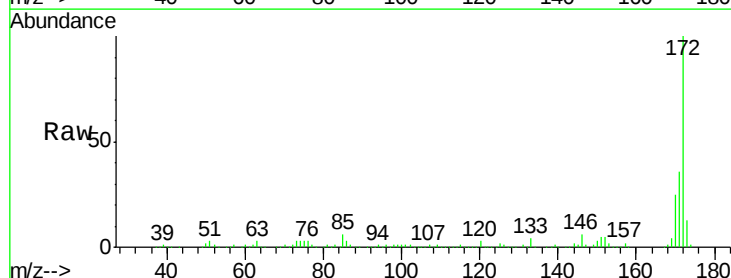


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

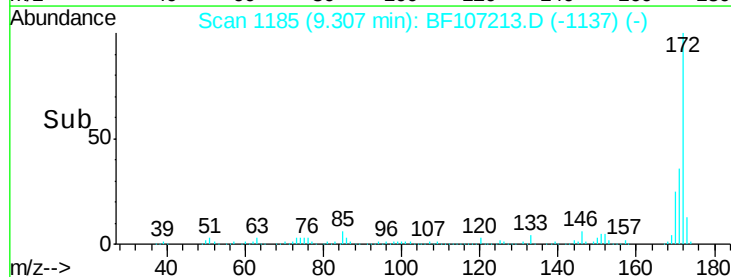
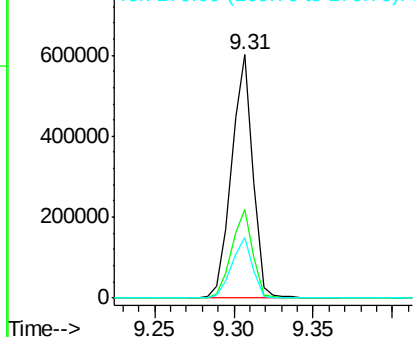


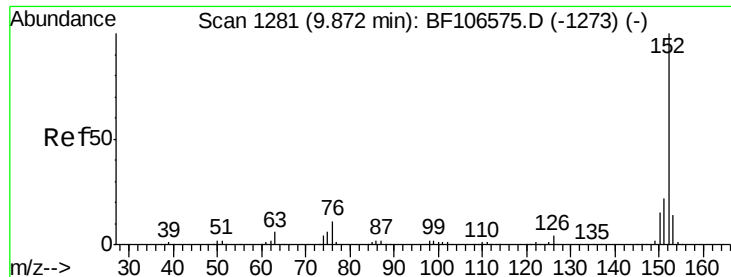
#44
 2-Fluorobiphenyl
 Concen: 84.592 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107213.D
 Acq: 7 Jul 2018 18:13

Tgt Ion:172 Resp: 558297
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.7 19.6 29.4



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





#48

Acenaphthylene

Concen: 2.249 ng

RT: 9.85 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-12

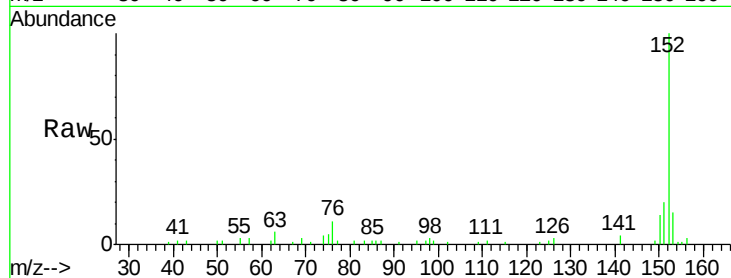
Tgt Ion:152 Resp: 24860

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

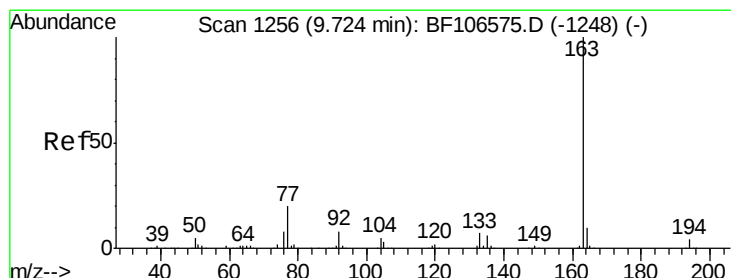
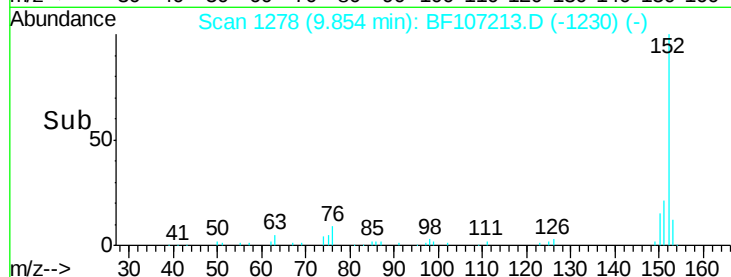
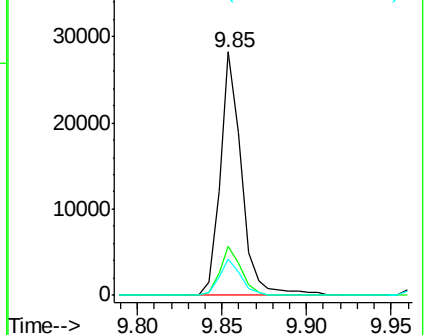
153 14.9 10.7 16.1



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: 18.137 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

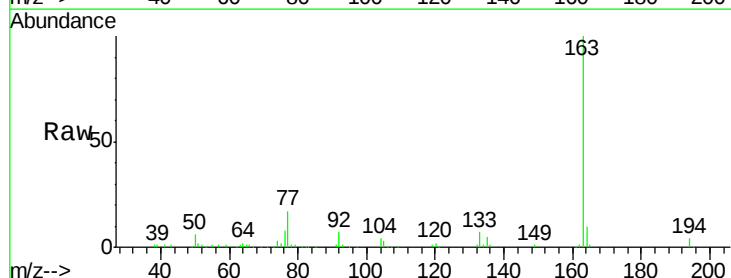
Tgt Ion:163 Resp: 151835

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

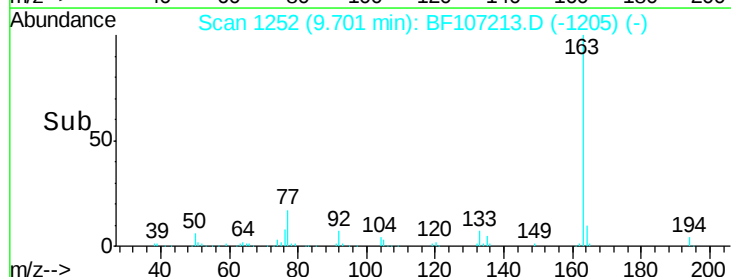
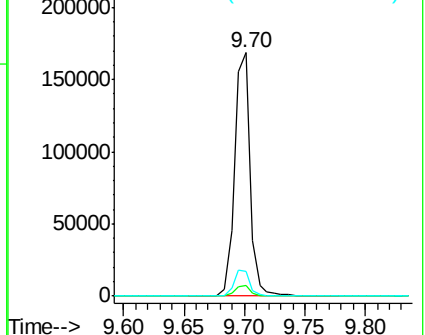
164 10.4 8.2 12.2

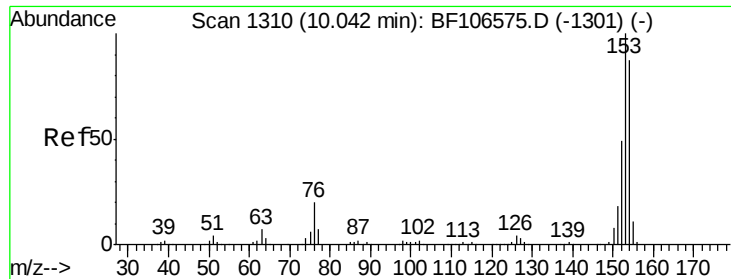


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.762 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-12

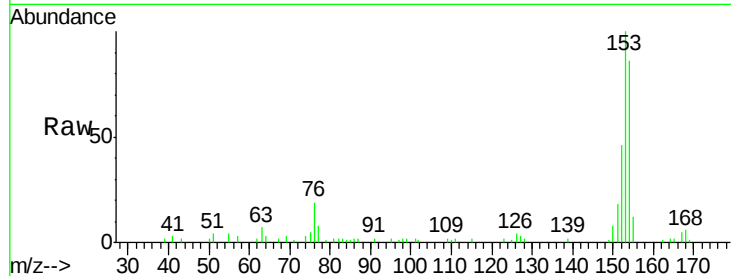
Tgt Ion:154 Resp: 19228

Ion Ratio Lower Upper

154 100

153 116.2 91.2 136.8

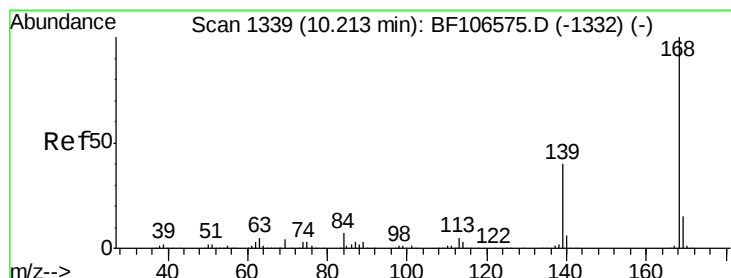
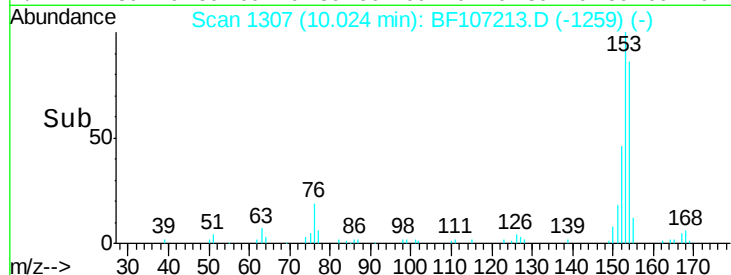
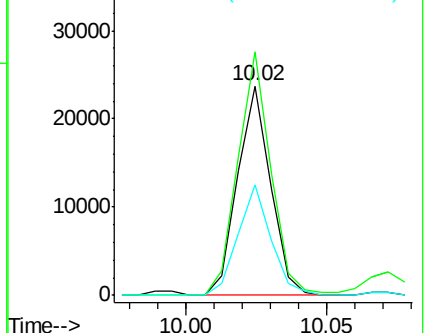
152 53.0 43.8 65.8



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: 3.117 ng

RT: 10.20 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

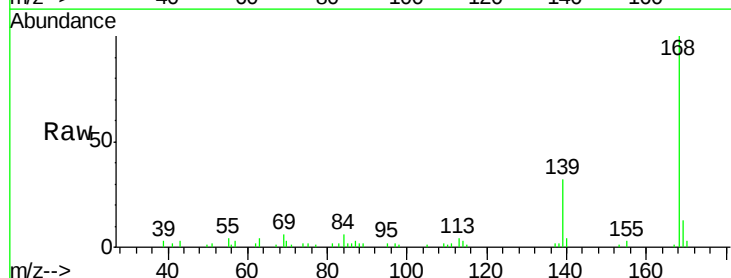
Tgt Ion:168 Resp: 29714

Ion Ratio Lower Upper

168 100

139 31.6 30.1 45.1

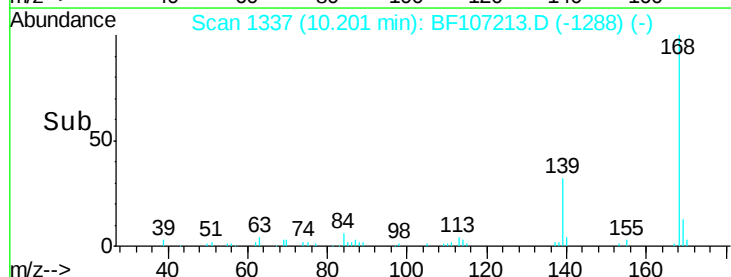
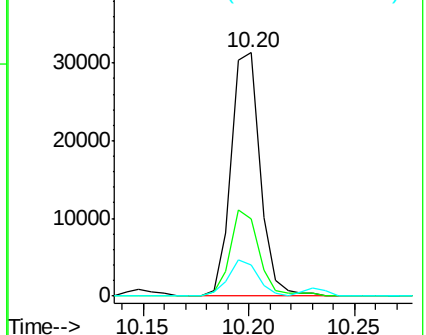
169 12.8 10.9 16.3

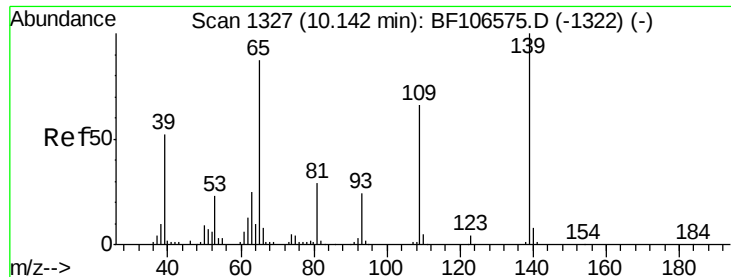


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

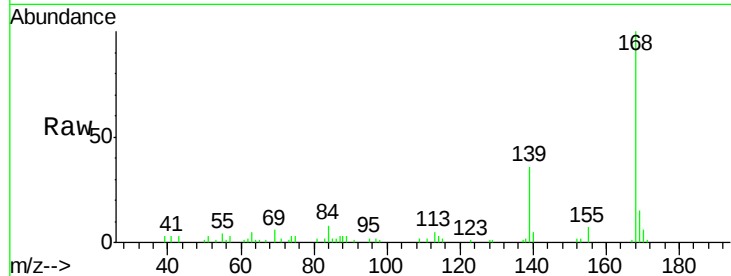




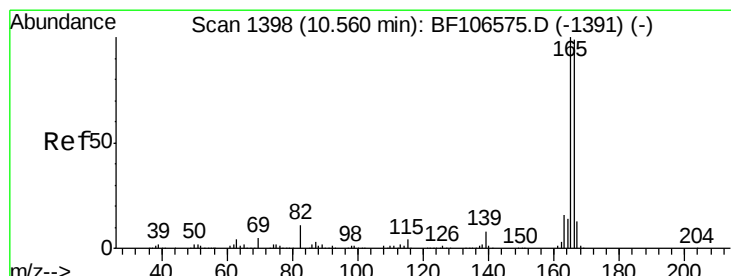
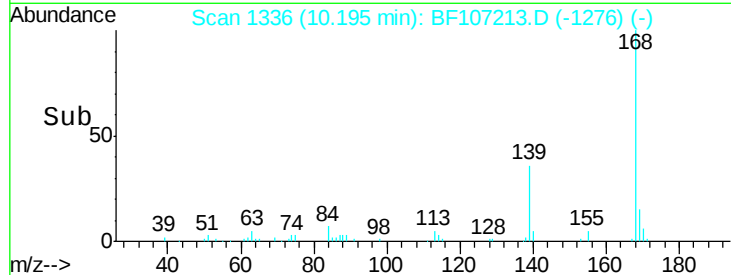
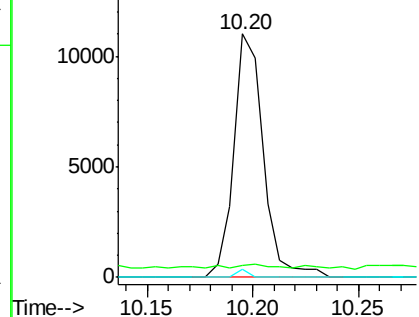
#55
4-Nitrophenol
Concen: 7.404 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF107213.D
Acq: 7 Jul 2018 18:13

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	5.1	48.4	88.4#
65	3.1	72.6	112.6#

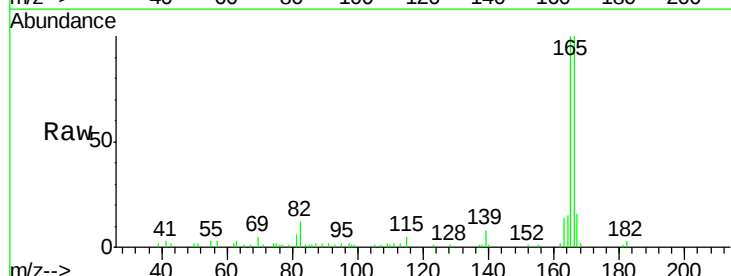


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

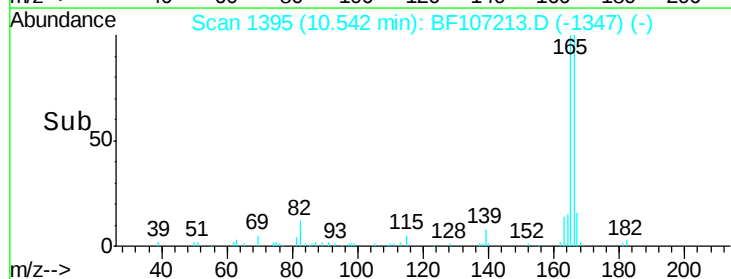
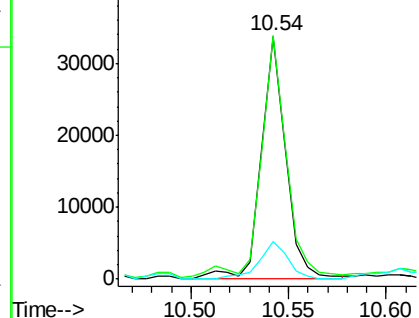


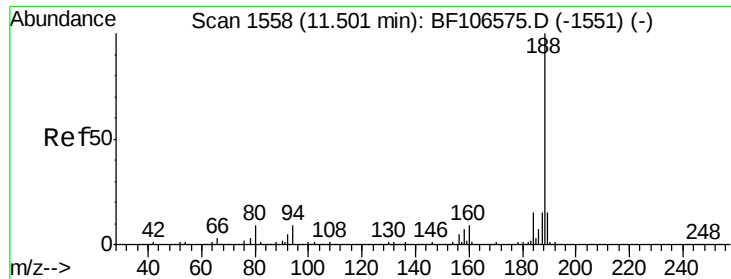
#57
Fluorene
Concen: 3.925 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107213.D
Acq: 7 Jul 2018 18:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	15.6	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

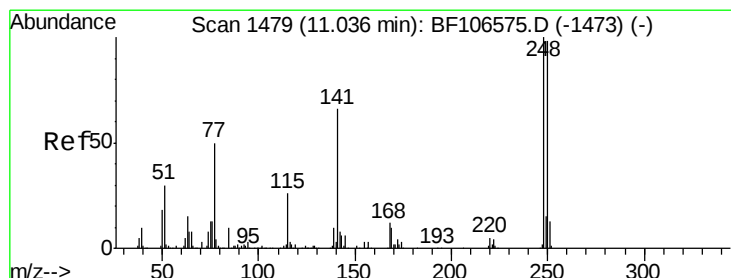
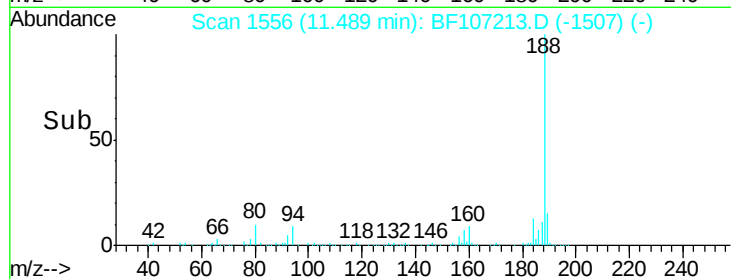
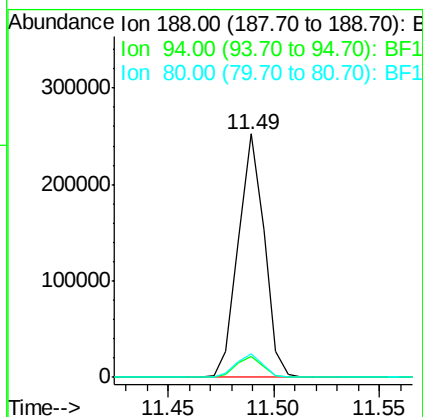
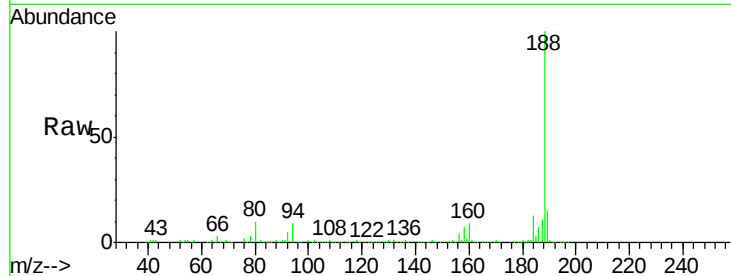




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107213.D
Acq: 7 Jul 2018 18:13

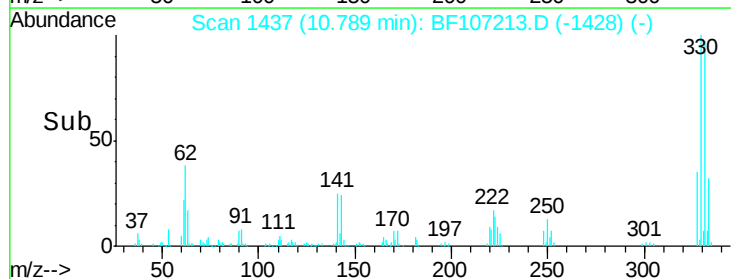
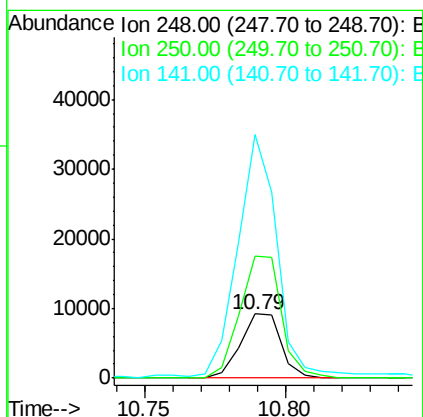
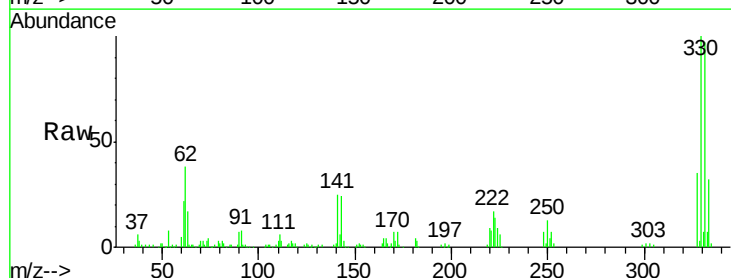
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-12

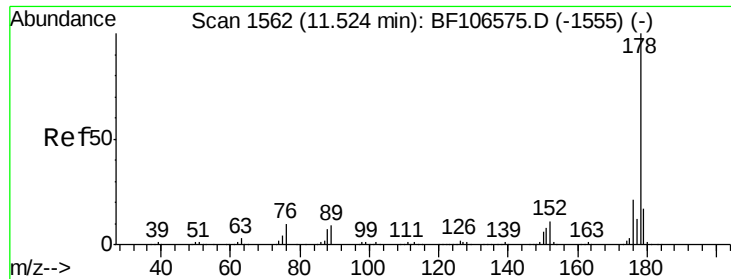
Tgt Ion:188 Resp: 214681
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.561 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107213.D
Acq: 7 Jul 2018 18:13

Tgt Ion:248 Resp: 9124
Ion Ratio Lower Upper
248 100
250 191.0 76.9 115.3#
141 381.2 74.4 111.6#

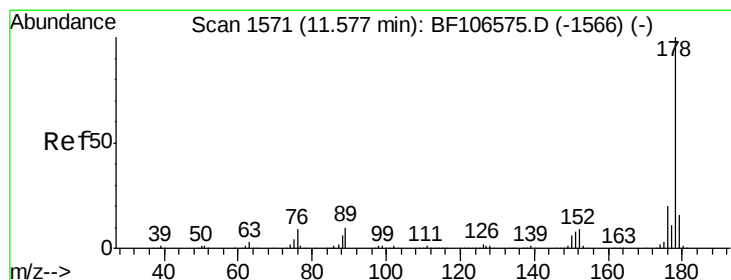
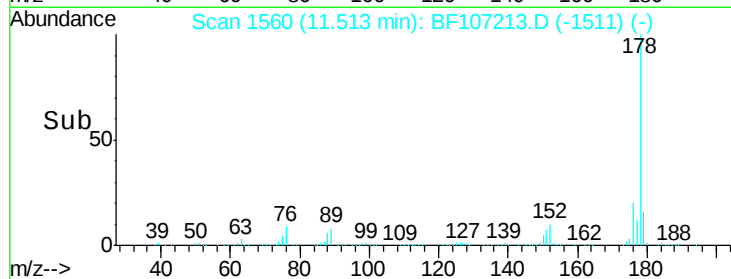
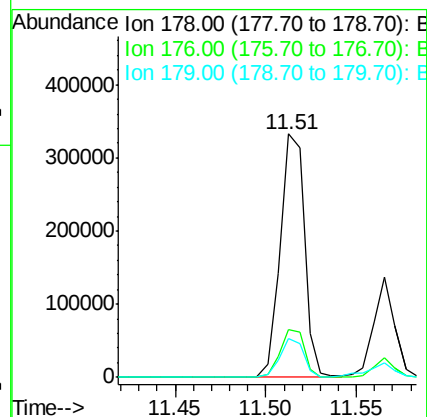
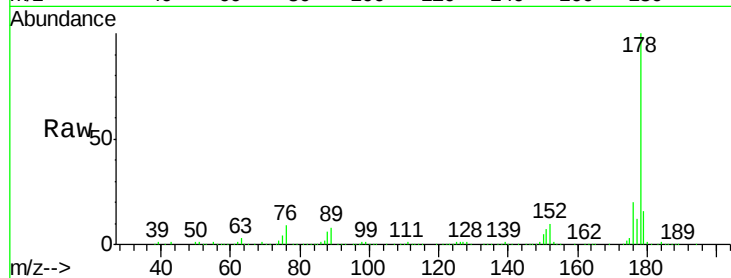




#70
Phenanthrene
Concen: 29.929 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107213.D
Acq: 7 Jul 2018 18:13

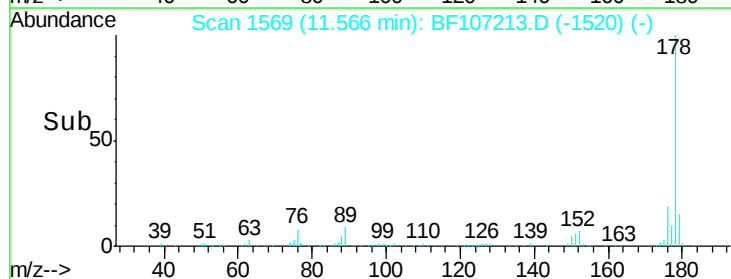
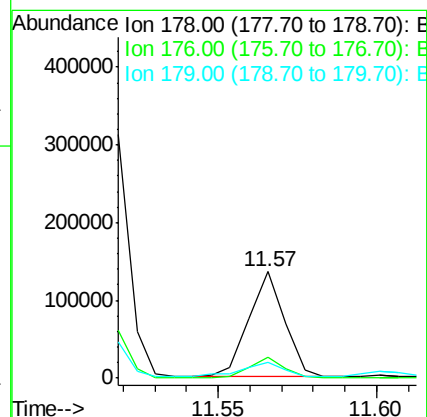
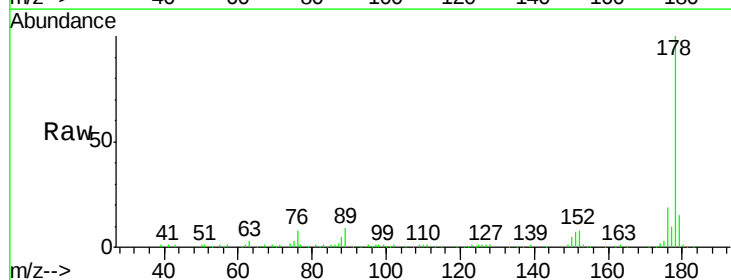
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-12

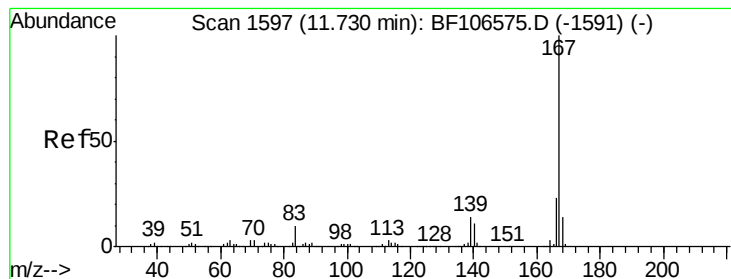
Tgt Ion:178 Resp: 309896
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 16.0 13.0 19.6



#71
Anthracene
Concen: 10.107 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107213.D
Acq: 7 Jul 2018 18:13

Tgt Ion:178 Resp: 106818
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.0 12.6 19.0





#72

Carbazole

Concen: 4.512 ng

RT: 11.72 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-12

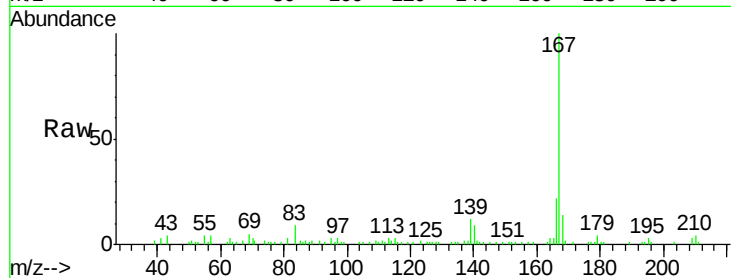
Tgt Ion:167 Resp: 44648

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

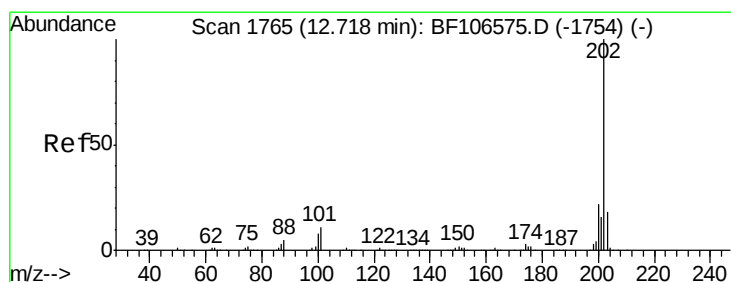
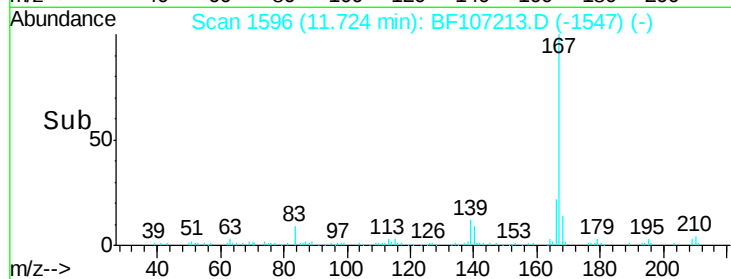
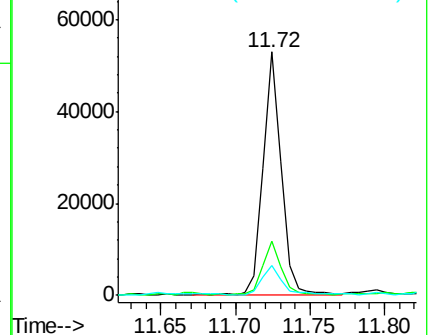
139 12.2 10.9 16.3



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: 44.452 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

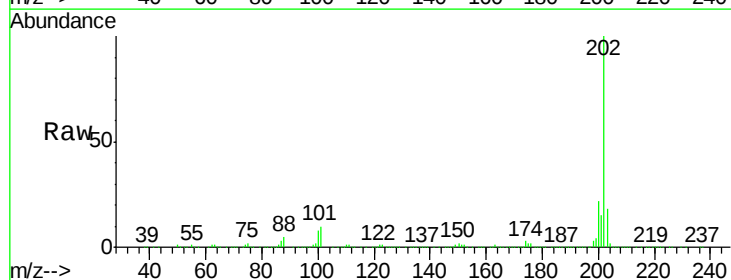
Tgt Ion:202 Resp: 507318

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.1

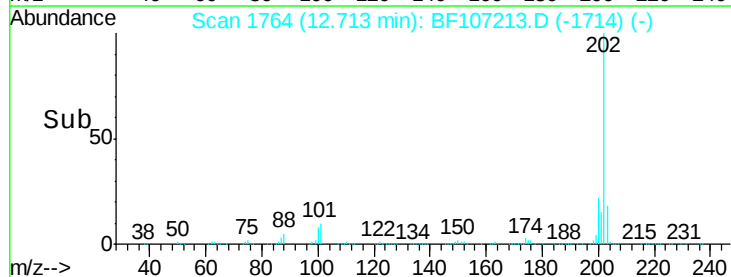
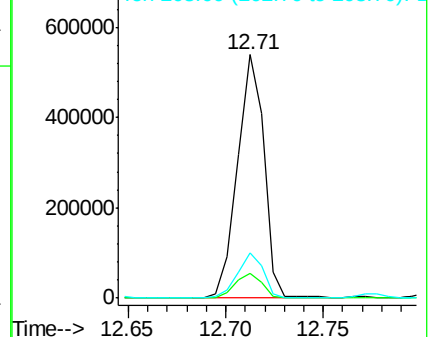
203 18.3 0.0 38.1

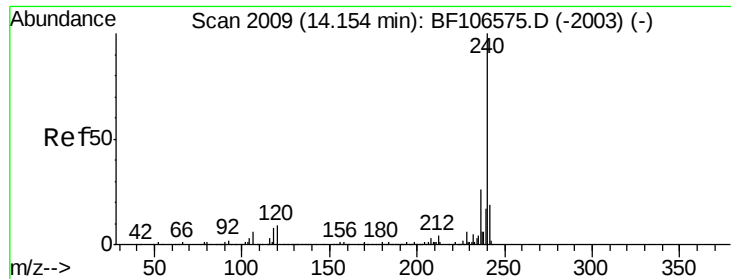


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2008

Delta R.T. -0.02 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-12

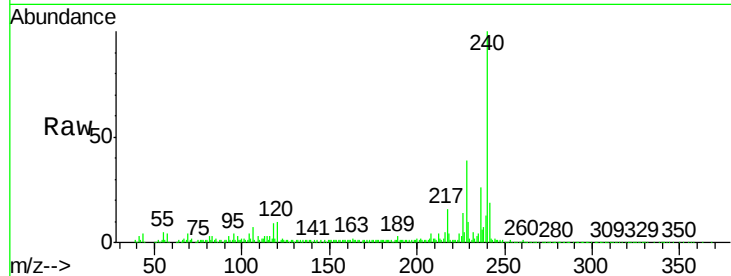
Tgt Ion:240 Resp: 155568

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

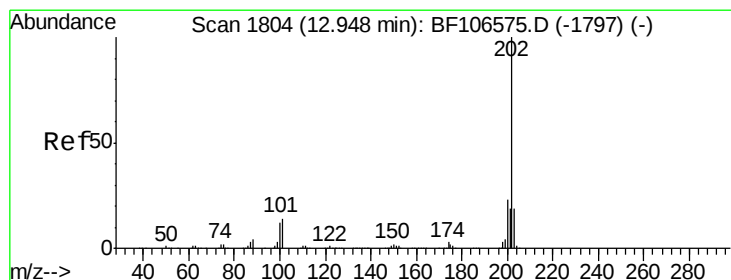
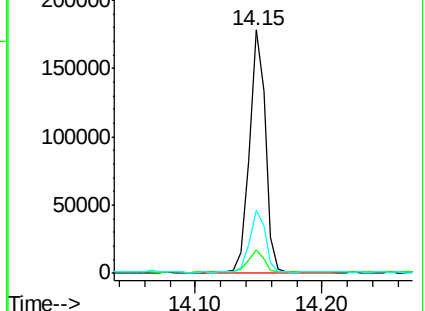
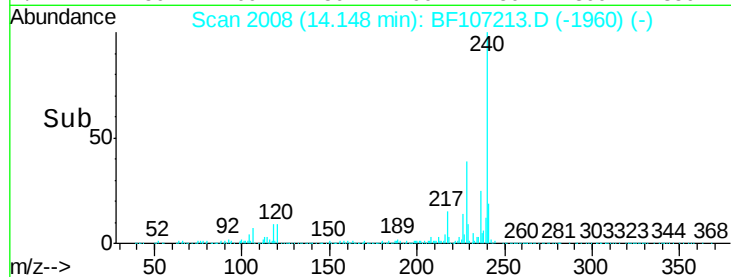
236 25.8 20.7 31.1



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: 45.838 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

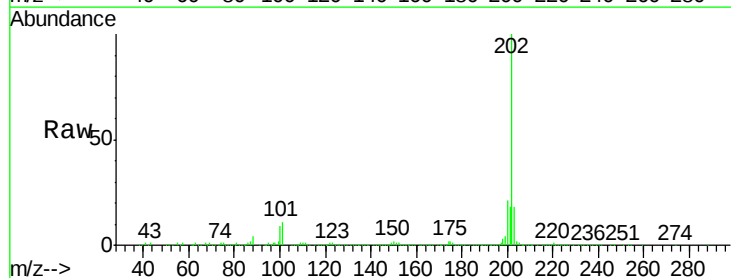
Tgt Ion:202 Resp: 470240

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

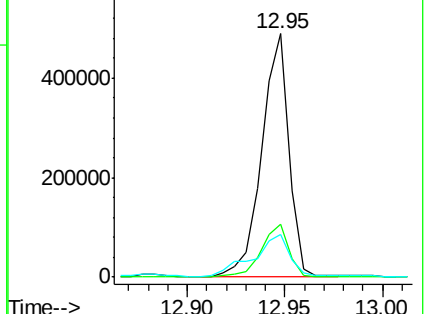
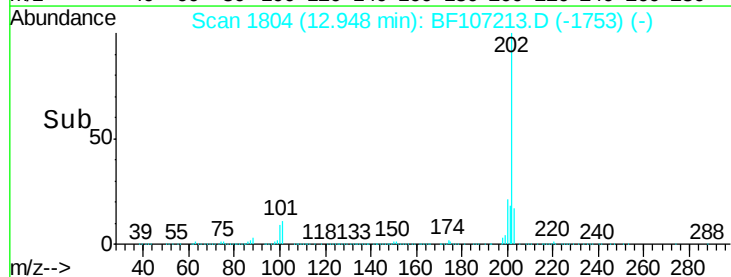
203 17.7 14.3 21.5

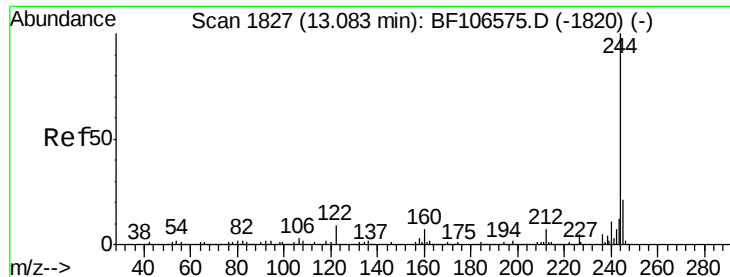


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 97.877 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-12

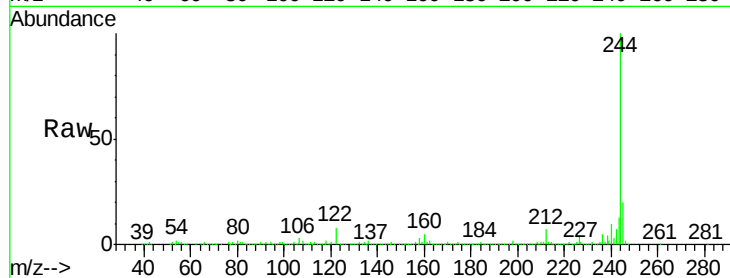
Tgt Ion:244 Resp: 628598

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

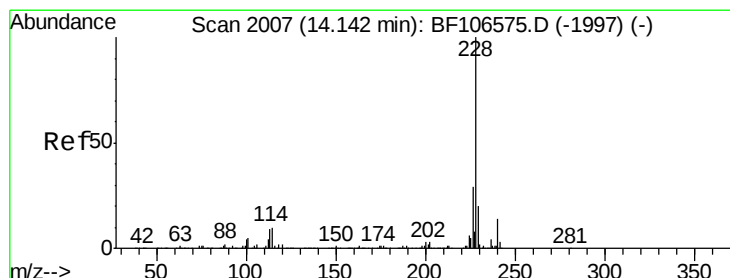
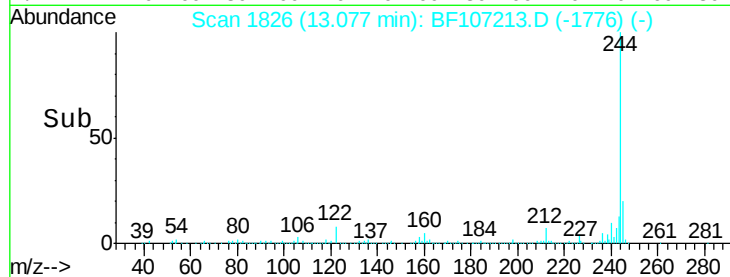
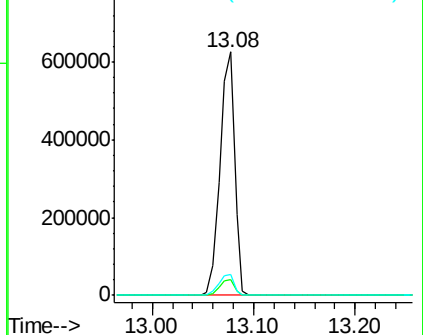
122 8.5 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 26.538 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

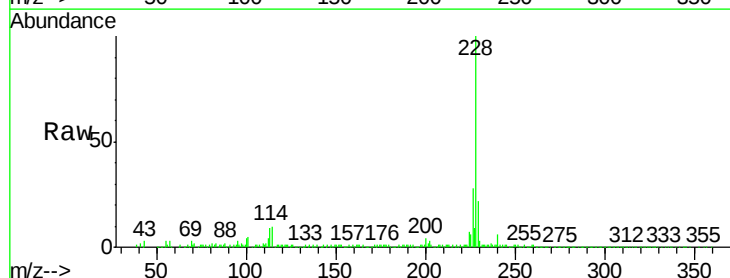
Tgt Ion:228 Resp: 251619

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

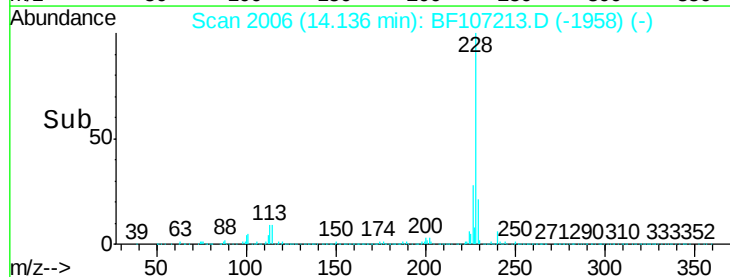
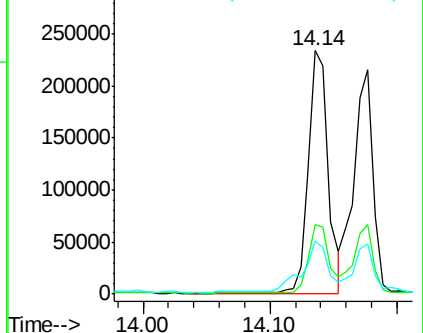
229 21.6 15.8 23.6

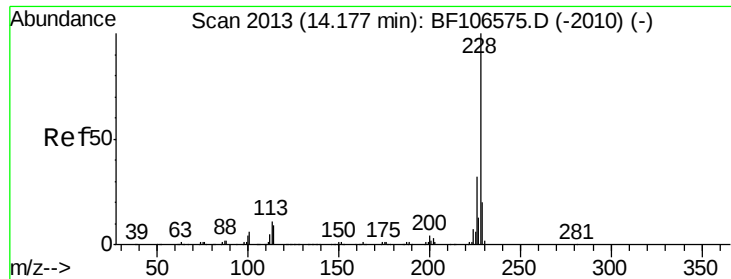


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 25.817 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-12

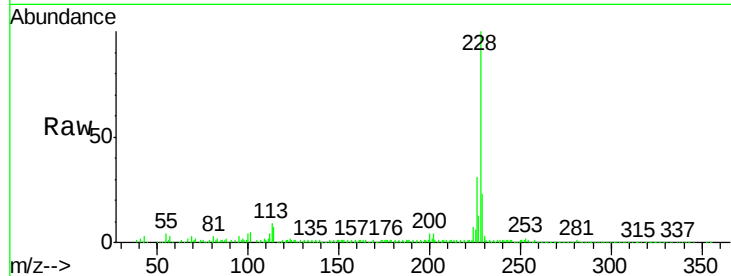
Tgt Ion:228 Resp: 225196

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

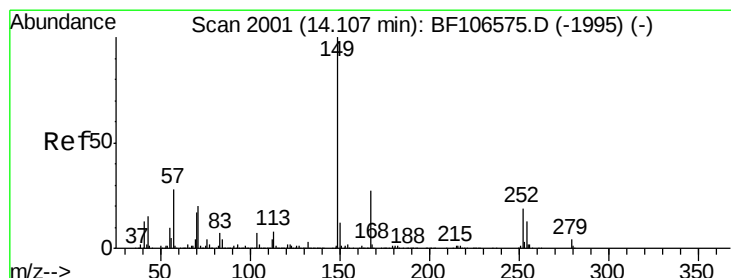
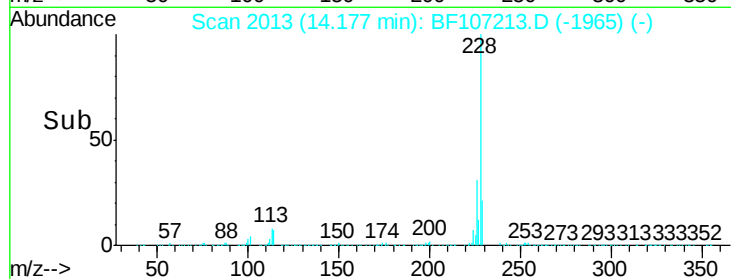
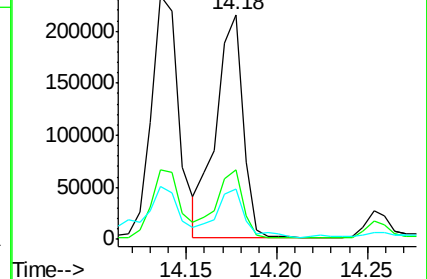
229 22.6 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.498 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

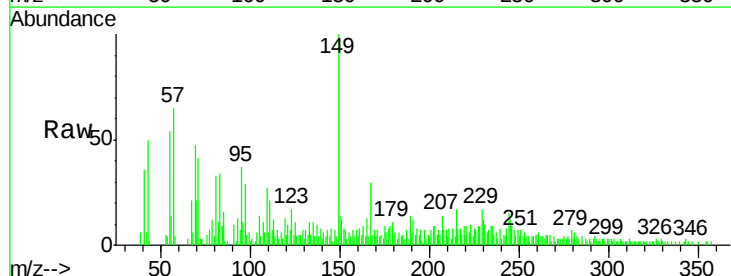
Tgt Ion:149 Resp: 13472

Ion Ratio Lower Upper

149 100

167 29.9 21.3 31.9

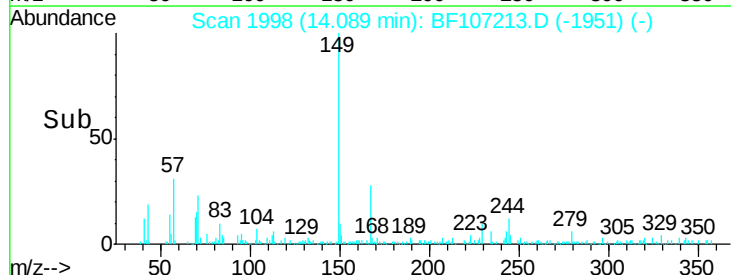
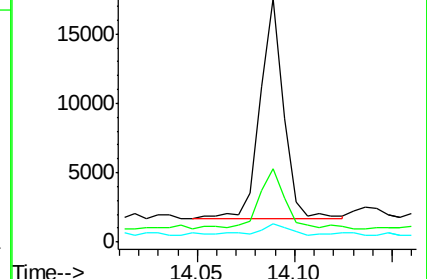
279 7.5 3.0 4.4#

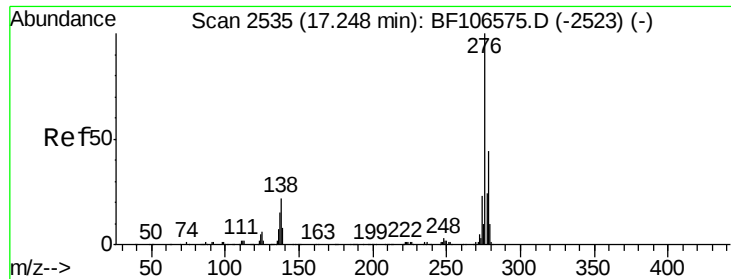


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

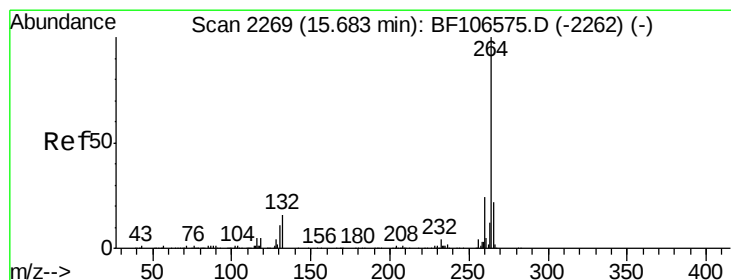
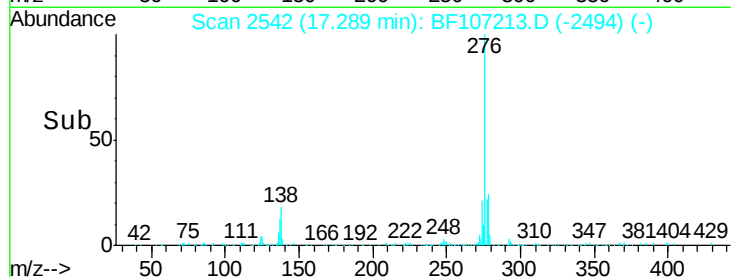
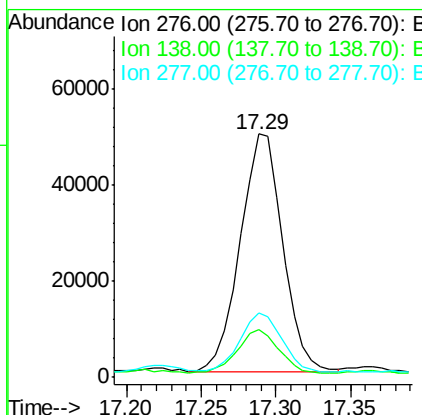
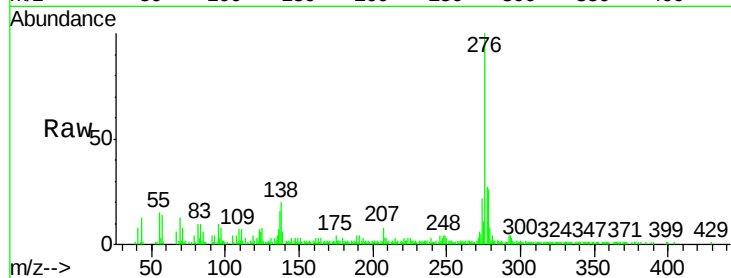




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.185 ng
 RT: 17.29 min Scan# 2542
 Delta R.T. -0.02 min
 Lab File: BF107213.D
 Acq: 7 Jul 2018 18:13

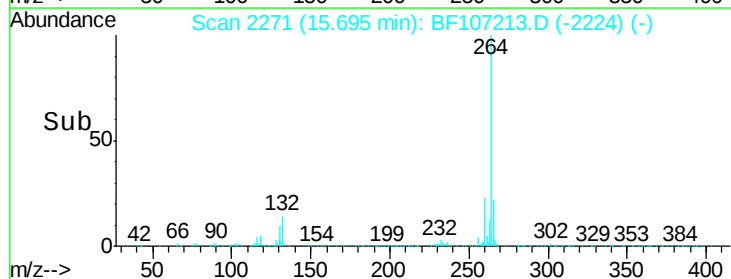
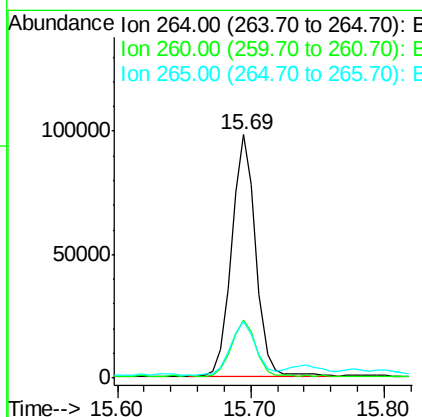
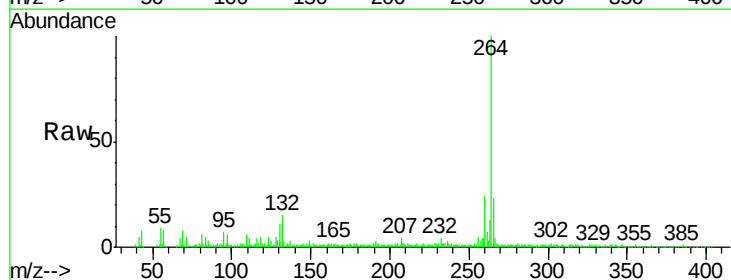
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-12

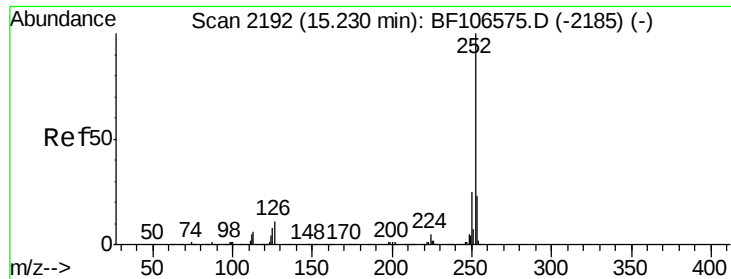
Tgt Ion:276 Resp: 97604
 Ion Ratio Lower Upper
 276 100
 138 17.7 25.0 37.6#
 277 24.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF107213.D
 Acq: 7 Jul 2018 18:13

Tgt Ion:264 Resp: 122769
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 23.3 17.5 26.3

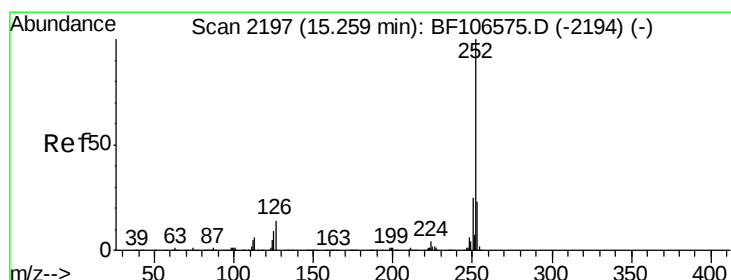
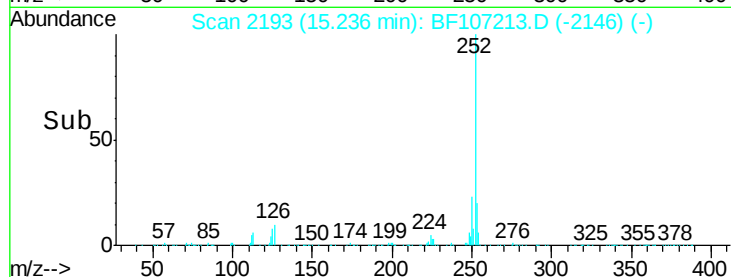
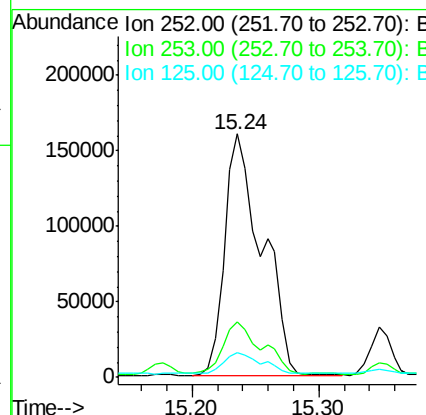
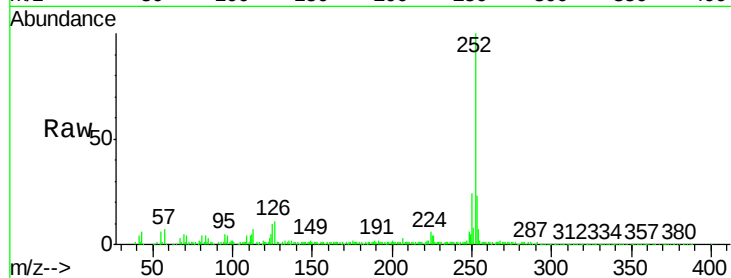




#87
Benzo(b)fluoranthene
Concen: 43.042 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107213.D
Acq: 7 Jul 2018 18:13

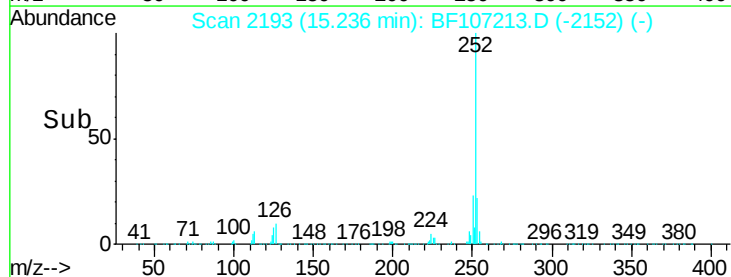
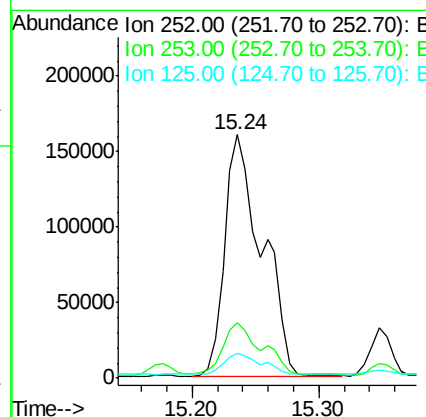
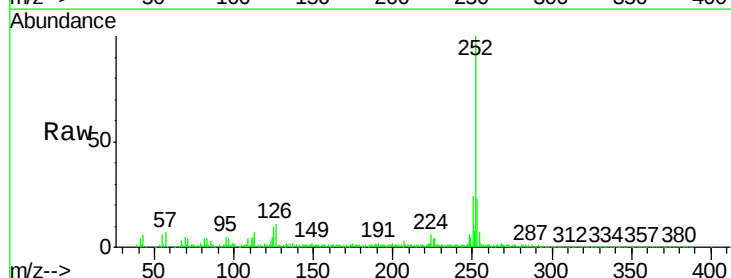
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-12

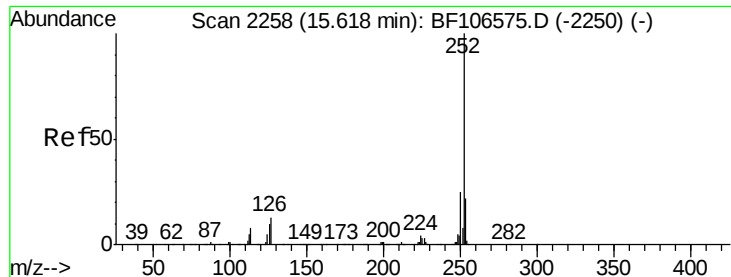
Tgt Ion:252 Resp: 328251
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 9.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 45.236 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF107213.D
Acq: 7 Jul 2018 18:13

Tgt Ion:252 Resp: 328526
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 9.9 10.2 15.2#

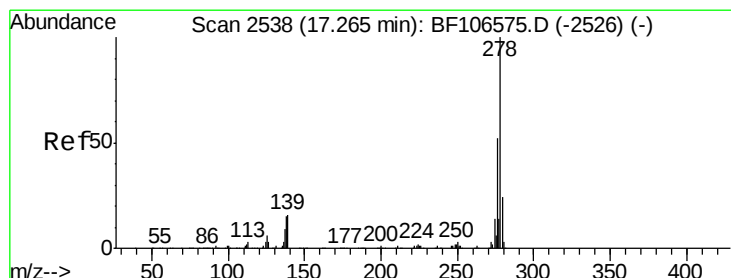
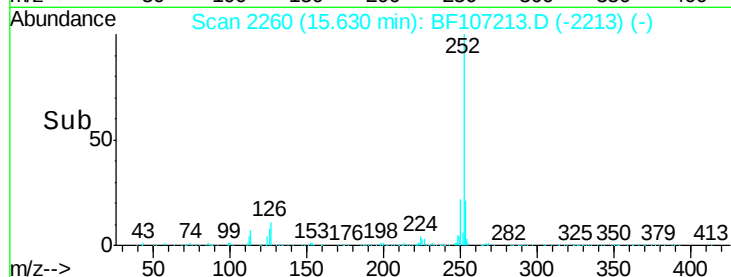
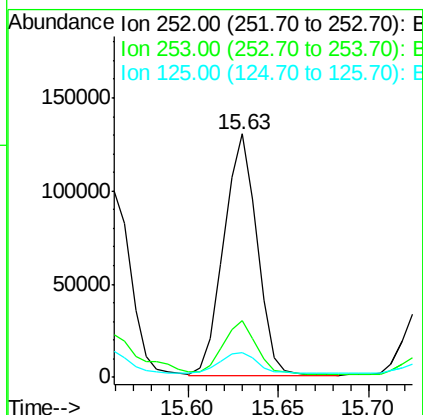
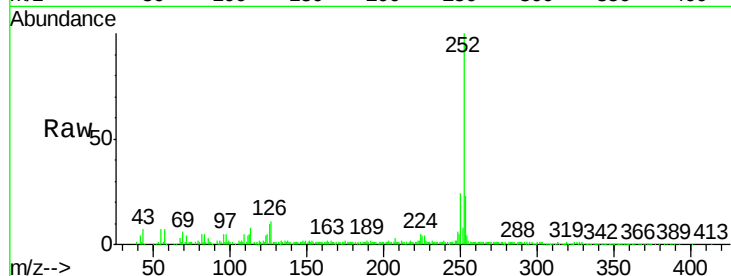




#89
Benzo(a)pyrene
Concen: 24.475 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF107213.D
Acq: 7 Jul 2018 18:13

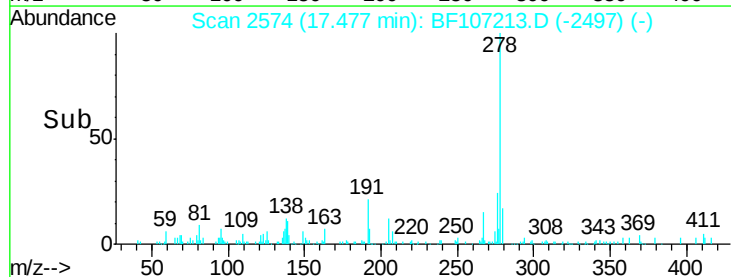
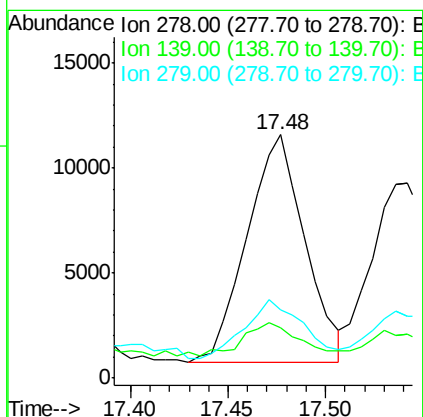
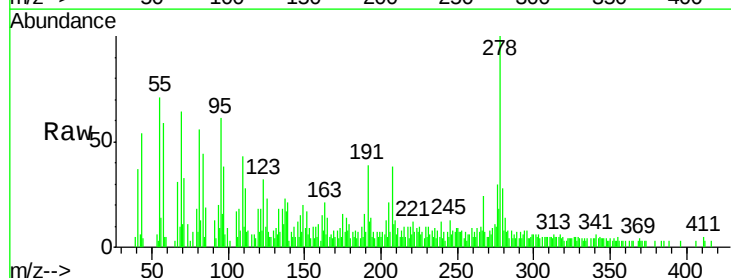
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-12

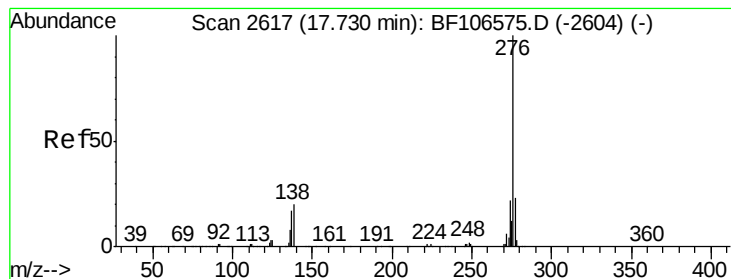
Tgt Ion: 252 Resp: 165932
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 9.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 3.861 ng
RT: 17.48 min Scan# 2574
Delta R.T. 0.15 min
Lab File: BF107213.D
Acq: 7 Jul 2018 18:13

Tgt Ion: 278 Resp: 22184
Ion Ratio Lower Upper
278 100
139 20.8 15.9 23.9
279 28.2 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 16.985 ng

RT: 17.78 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BF107213.D

Acq: 7 Jul 2018 18:13

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-12

Tgt Ion: 276 Resp: 95387

Ion Ratio Lower Upper

276 100

277 25.2 17.9 26.9

138 19.6 21.8 32.8#

