

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
 Data File : BF107212.D
 Acq On : 7 Jul 2018 17:46
 Operator : JU/SJ
 Sample : J3879-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

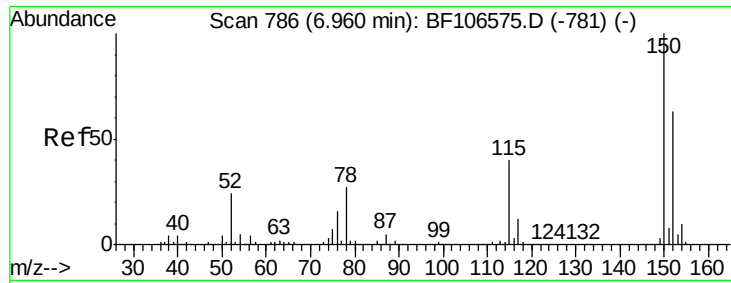
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-3

Quant Time: Jul 09 02:16:17 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	58887	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	213226	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	97796	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	187299	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	139011	20.00	ng	-0.02
86) Perylene-d12	15.69	264	105584	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	350839	100.89	ng	0.00
7) Phenol-d6	6.60	99	429514	98.90	ng	-0.01
23) Nitrobenzene-d5	7.51	82	255804	66.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	119534	105.46	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	460097	78.51	ng	-0.02
78) Terphenyl-d14	13.07	244	530639	92.47	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	7565	2.078	ng	88
10) Phenol	6.61	94	10163	2.051	ng	87
19) n-Nitroso-di-n-propylamine	7.51	70	33530	11.713	ng	# 74
25) Isophorone	7.51	82	255800	37.834	ng	# 64
49) Dimethylphthalate	9.70	163	148983	20.312	ng	98
55) 4-Nitrophenol	10.20	139	3817	3.060	ng	# 14
56) 2,4-Dinitrotoluene	9.99	165	13456	6.637	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	7163	3.204	ng	# 1
70) Phenanthrene	11.51	178	128272	14.199	ng	98
71) Anthracene	11.57	178	41695	4.522	ng	98
74) Fluoranthene	12.71	202	256529	25.763	ng	96
77) Pyrene	12.94	202	248379	27.095	ng	100
79) Butylbenzylphthalate	13.54	149	8595	2.280	ng	# 93
80) Benzo(a)anthracene	14.13	228	122280	14.433	ng	98
82) Chrysene	14.17	228	118450	15.197	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	20199	4.192	ng	# 93
87) Benzo(b)fluoranthene	15.23	252	164761	25.121	ng	97
88) Benzo(k)fluoranthene	15.23	252	164761	26.379	ng	97
89) Benzo(a)pyrene	15.62	252	81497	13.977	ng	97
90) Dibenzo(a,h)anthracene	17.28	278	14254	2.885	ng	# 80
91) Benzo(g,h,i)perylene	17.77	276	49622	10.274	ng	# 89

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

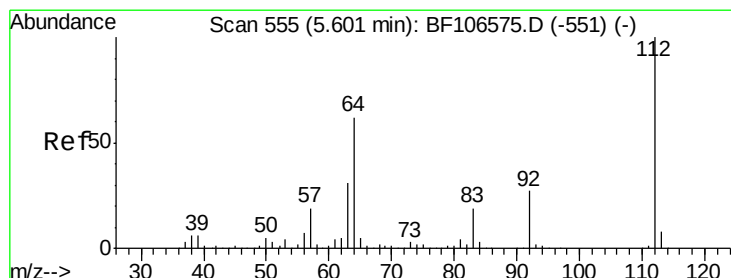
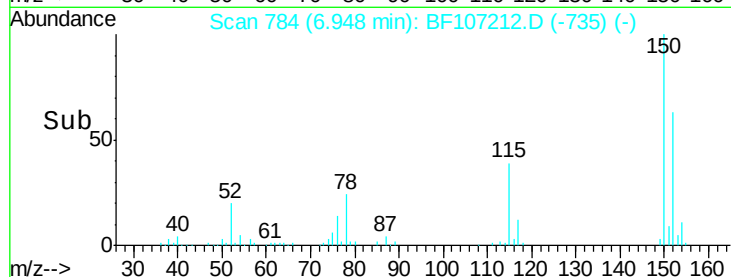
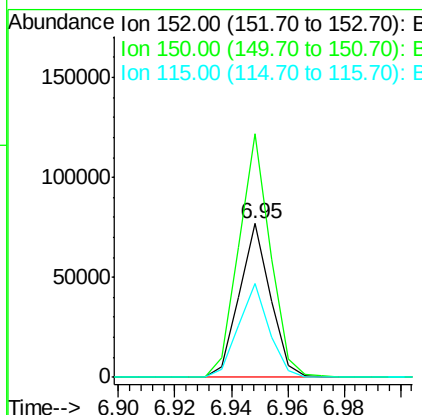
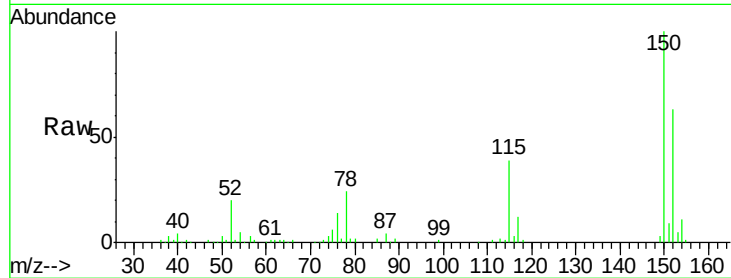
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
Data File : BF107212.D
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Operator : JU/SJ
Sample : J3879-05
Misc :
ALS Vial : 20 Sample Multiplier: 1



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

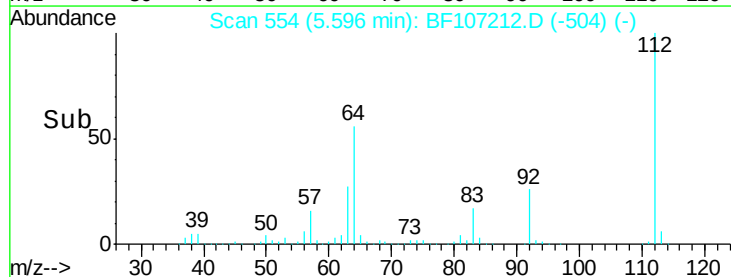
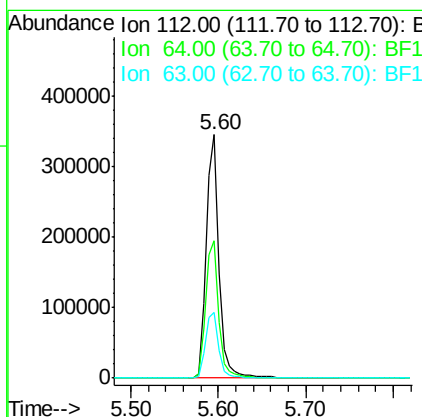
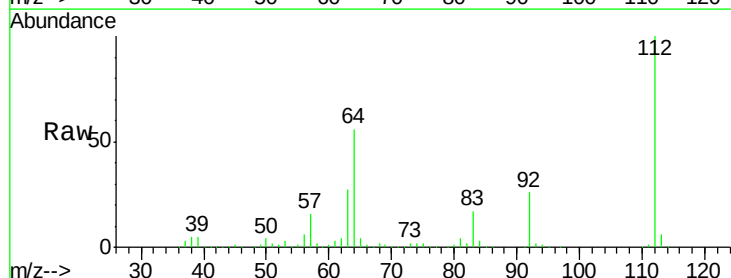
Instrument :
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 SURCHARGE-SP-3

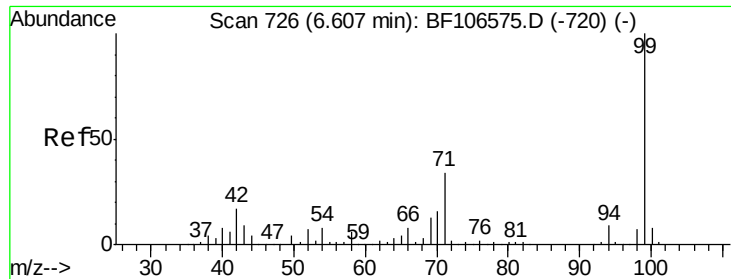
Tgt Ion:152 Resp: 58887
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 61.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 100.885 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

Tgt Ion:112 Resp: 350839
 Ion Ratio Lower Upper
 112 100
 64 56.3 47.9 71.9
 63 27.0 23.7 35.5





#7

Phenol-d6

Concen: 98.901 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-3

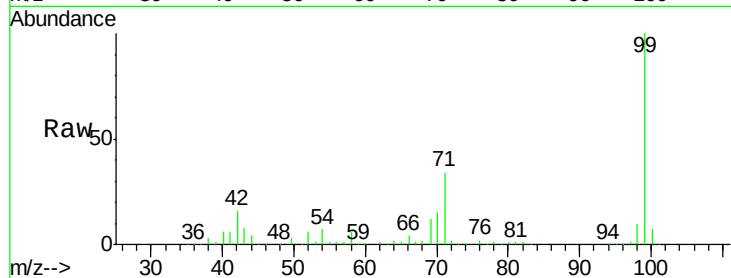
Tgt Ion: 99 Resp: 429514

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

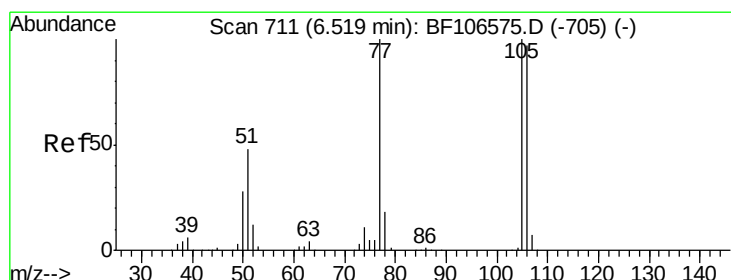
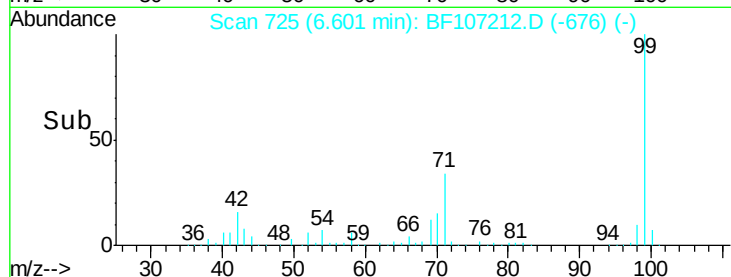
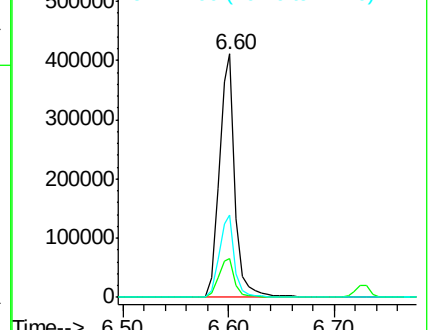
71 33.7 25.4 38.0



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: 2.078 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

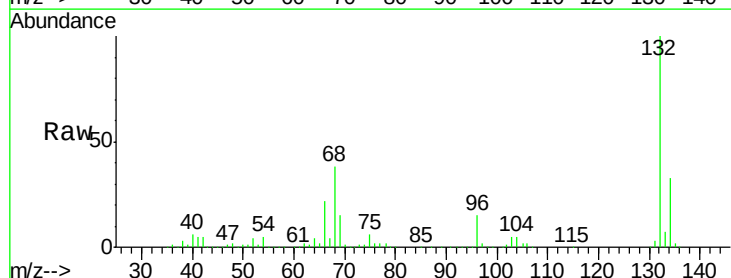
Tgt Ion: 77 Resp: 7565

Ion Ratio Lower Upper

77 100

105 85.3 81.1 121.1

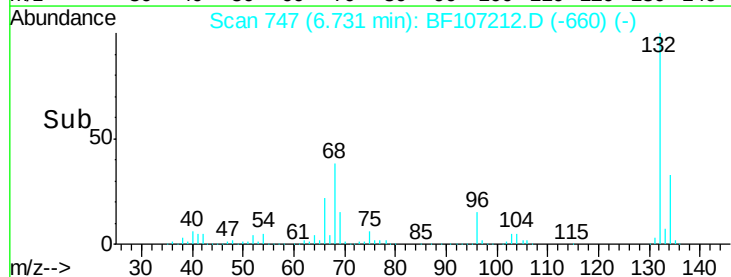
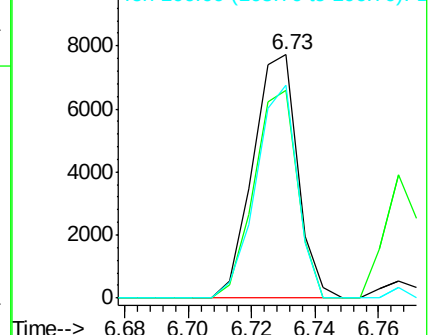
106 87.3 74.5 114.5

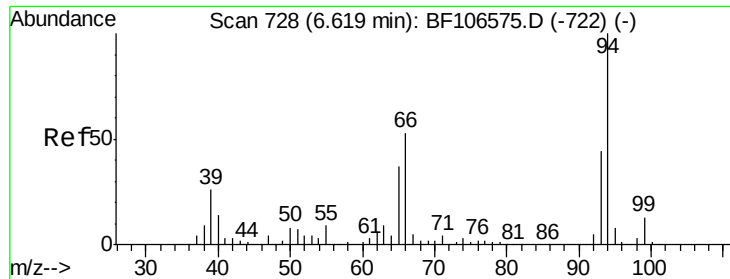


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

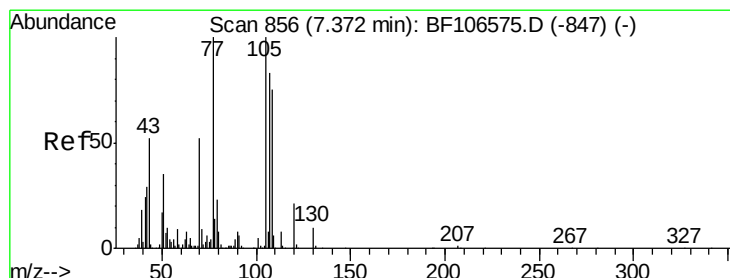
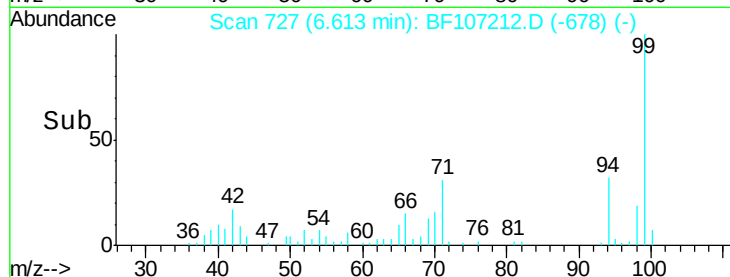
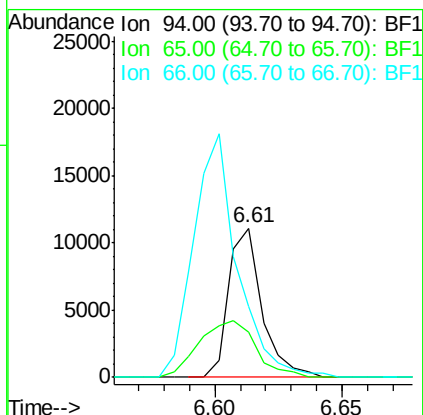
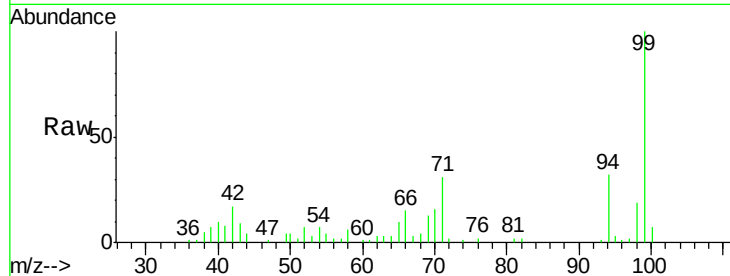




#10
Phenol
Concen: 2.051 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

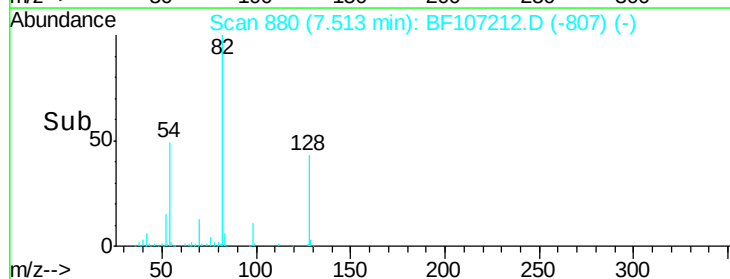
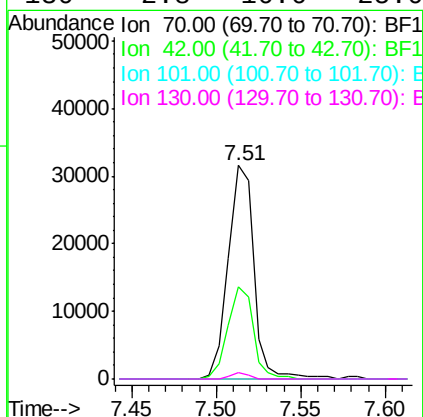
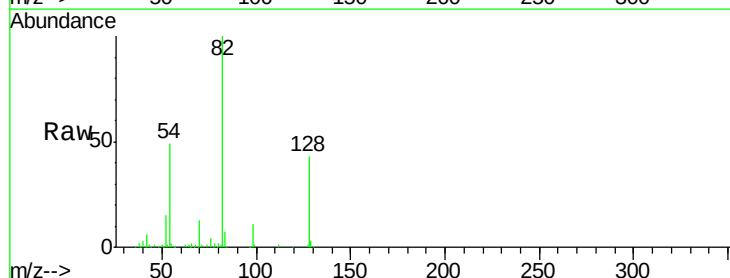
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3

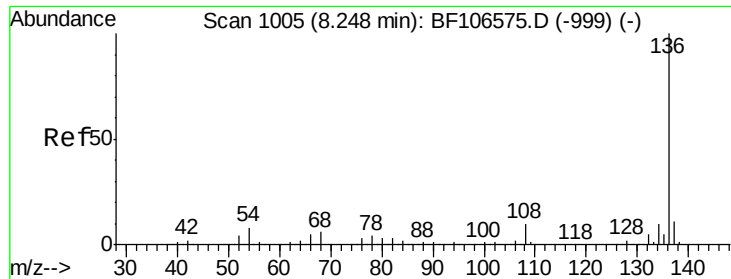
Tgt Ion: 94 Resp: 10163
Ion Ratio Lower Upper
94 100
65 30.4 7.9 47.9
66 47.4 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.713 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Tgt Ion: 70 Resp: 33530
Ion Ratio Lower Upper
70 100
42 43.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#

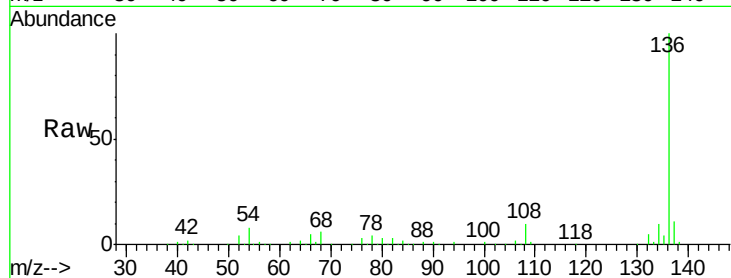




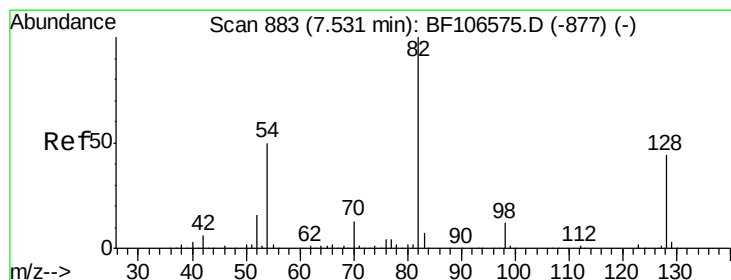
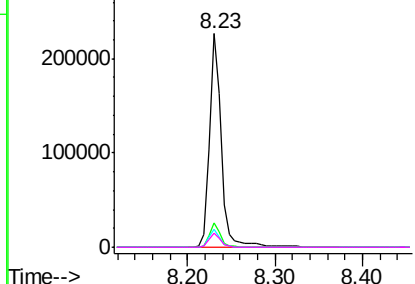
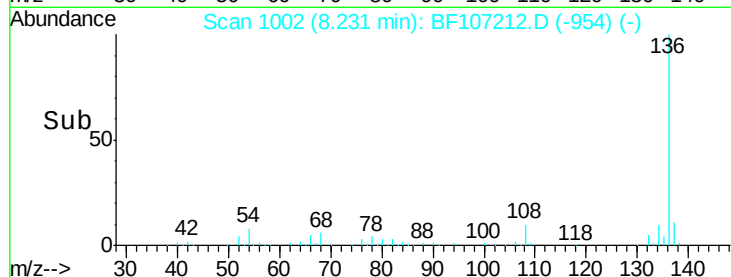
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3

Tgt Ion:	136	Resp:	213226
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	6.6	9.8
68	6.4	5.0	7.4

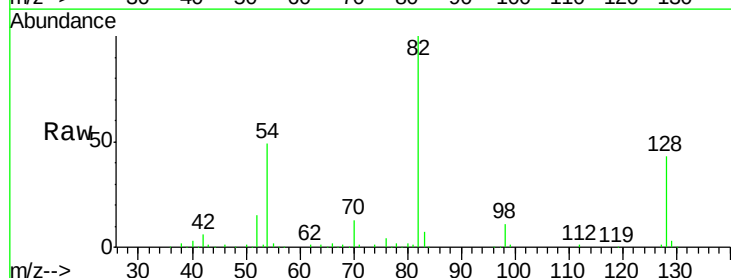


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

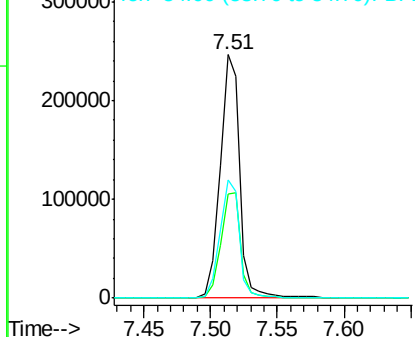
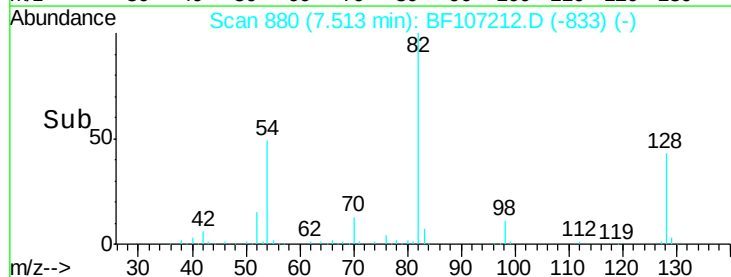


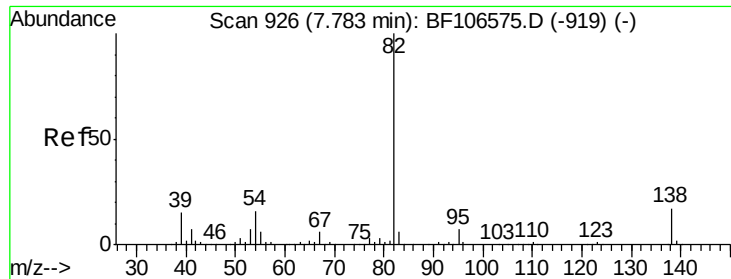
#23
Nitrobenzene-d5
Concen: 66.671 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Tgt Ion:	82	Resp:	255804
Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	48.8	41.4	62.2



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





#25

Isophorone

Concen: 37.834 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-3

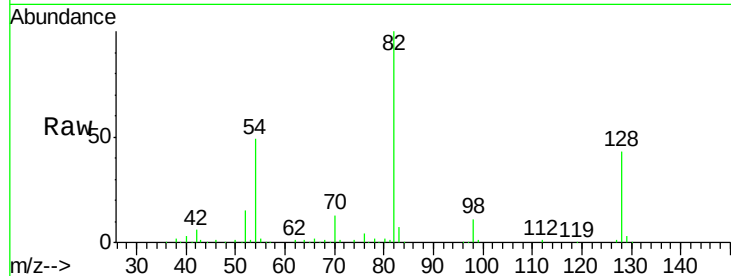
Tgt Ion: 82 Resp: 255800

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

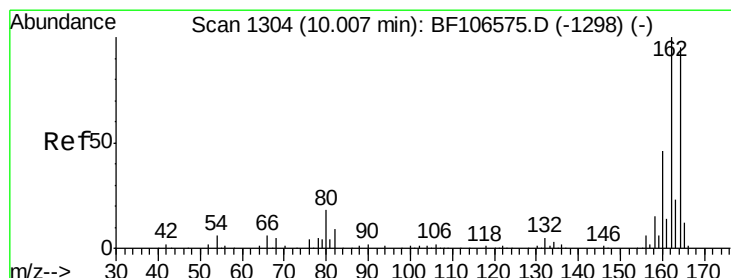
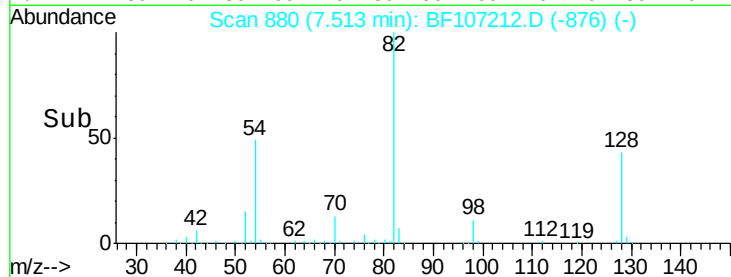
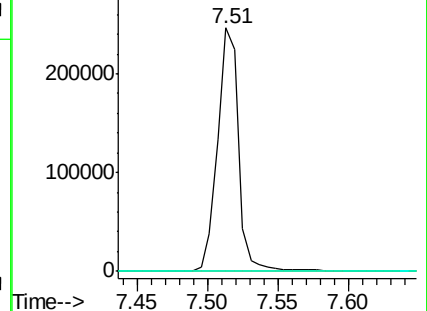
138 0.0 14.9 22.3#



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: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

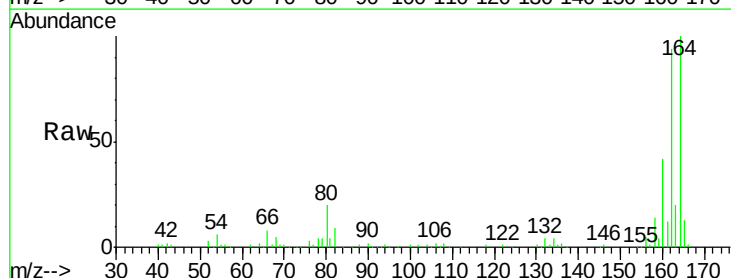
Tgt Ion: 164 Resp: 97796

Ion Ratio Lower Upper

164 100

162 93.7 86.1 129.1

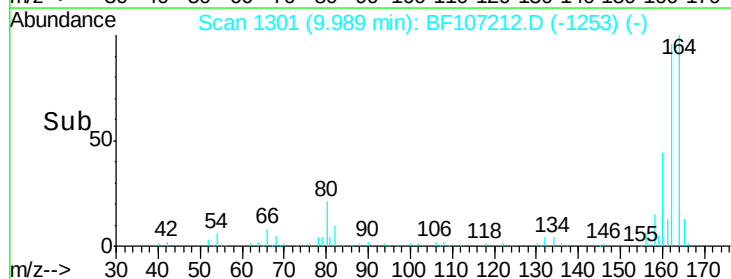
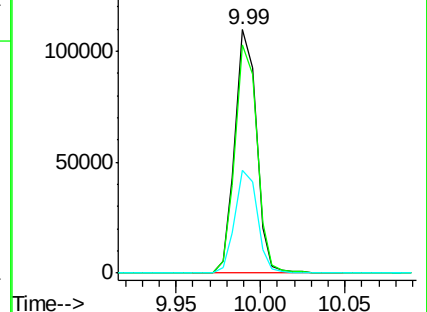
160 42.3 38.3 57.5

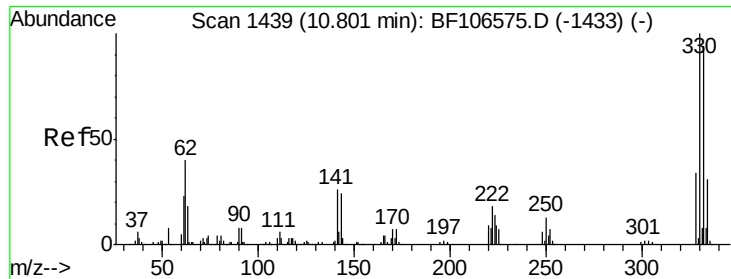


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

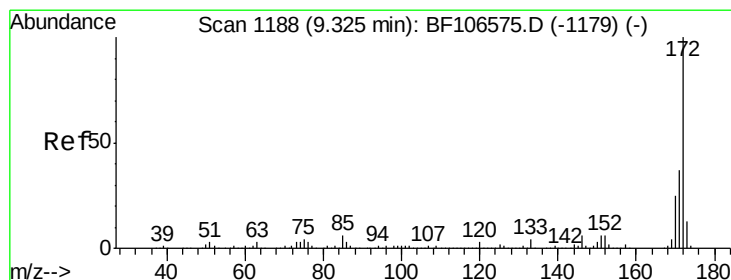
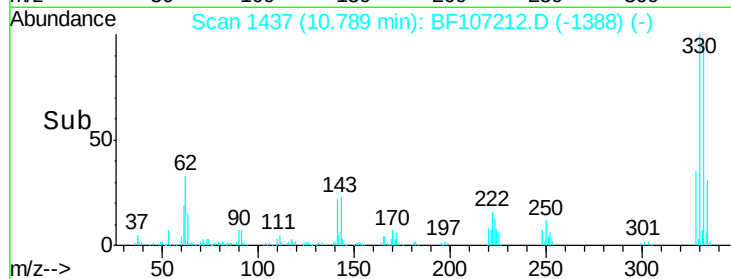
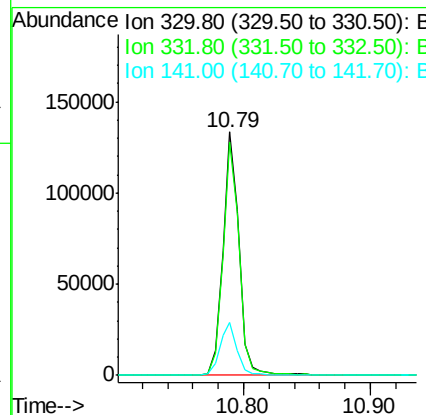
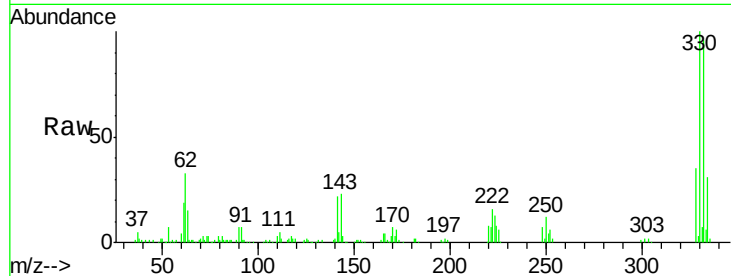




#41
 2,4,6-Tribromophenol
 Concen: 105.457 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

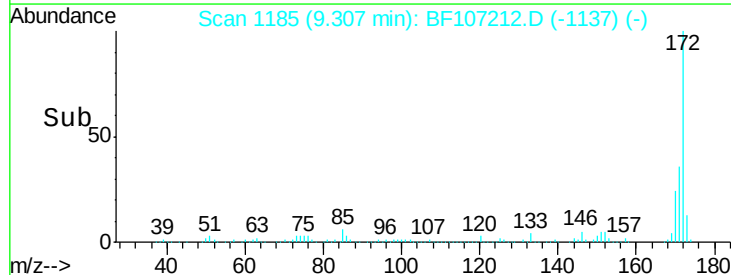
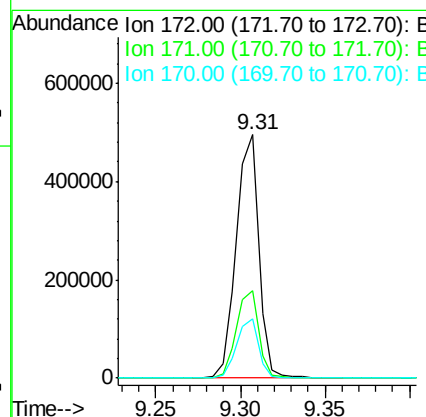
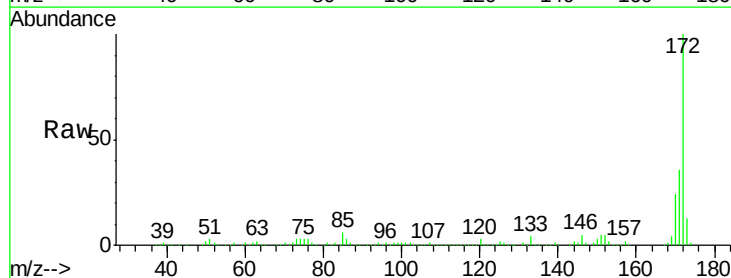
Instrument :
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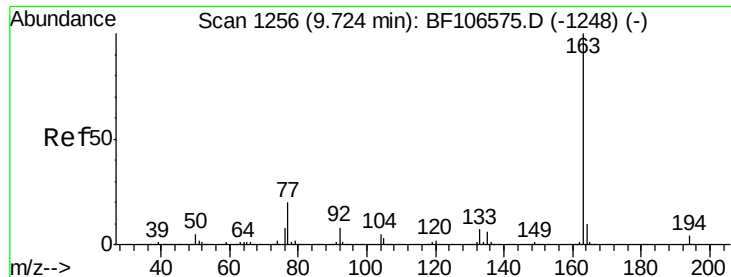
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	23.8	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 78.505 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4

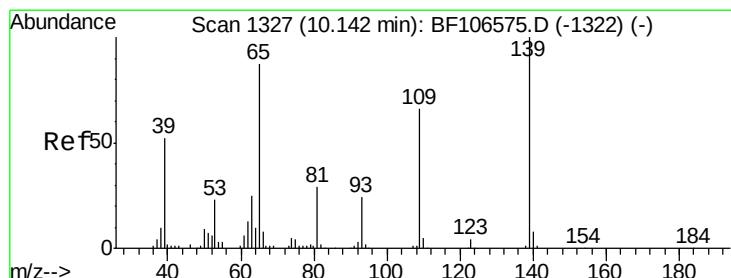
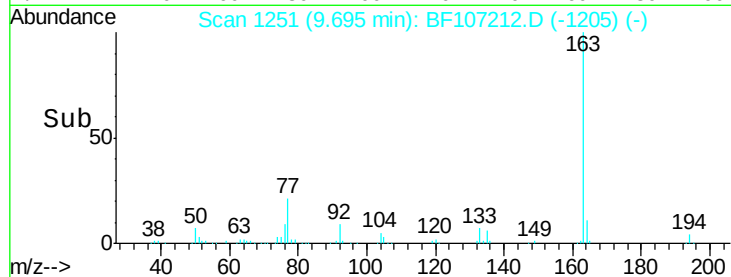
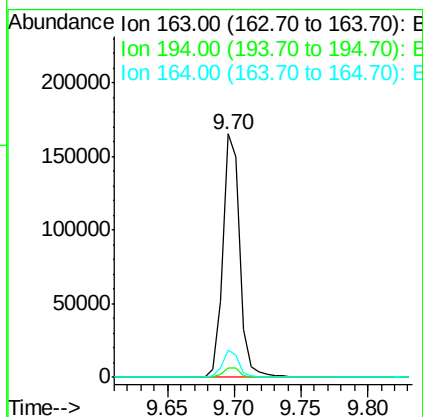
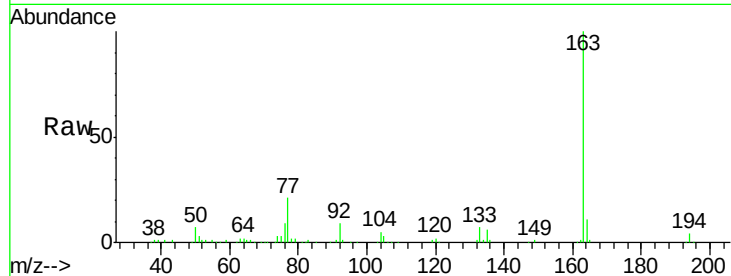




#49
Dimethylphthalate
Concen: 20.312 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

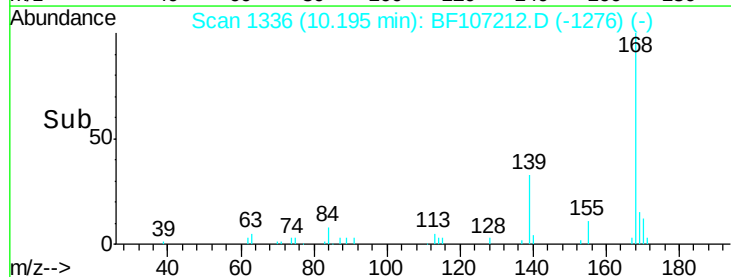
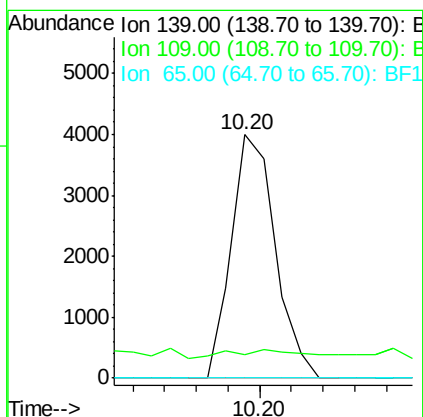
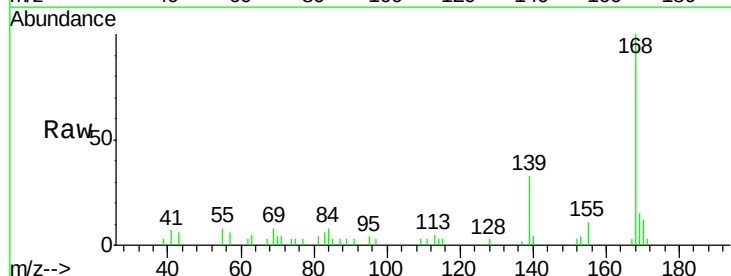
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3

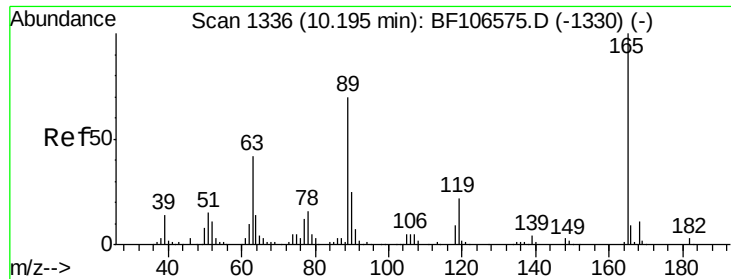
Tgt Ion:163 Resp: 148983
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 11.3 8.2 12.2



#55
4-Nitrophenol
Concen: 3.060 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Tgt Ion:139 Resp: 3817
Ion Ratio Lower Upper
139 100
109 9.7 48.4 88.4#
65 0.0 72.6 112.6#

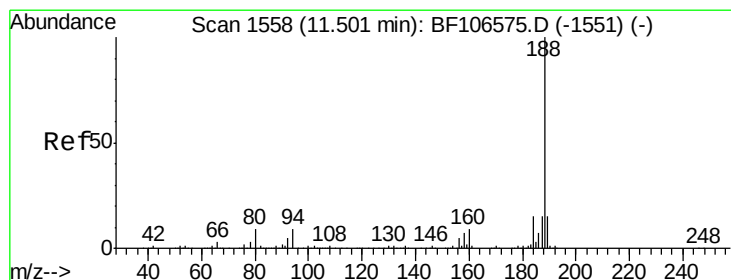
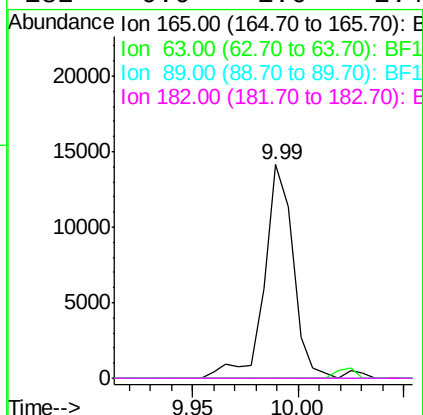
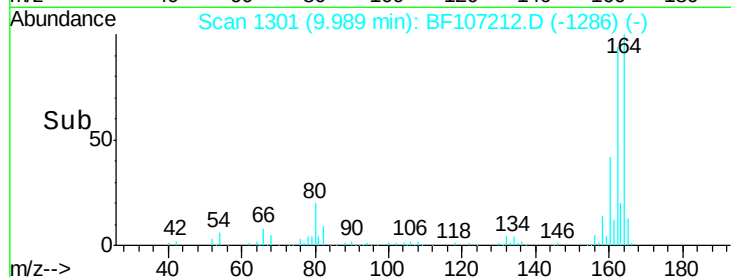
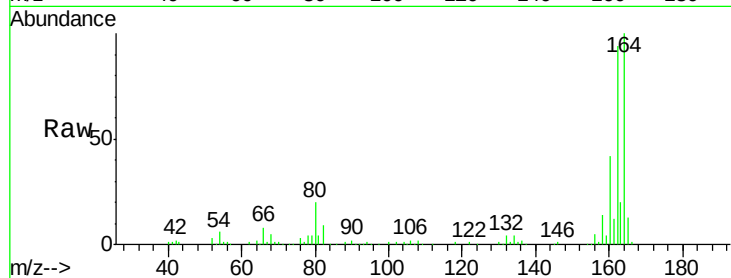




#56
 2,4-Dinitrotoluene
 Concen: 6.637 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

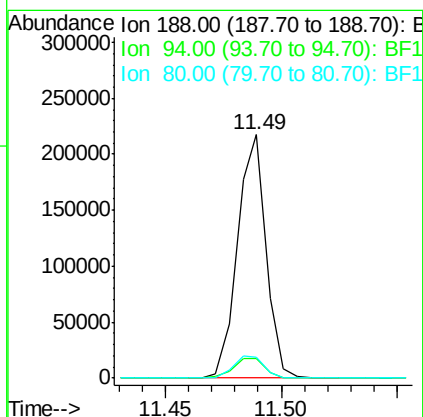
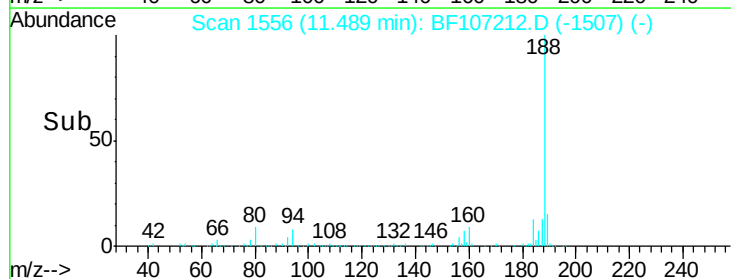
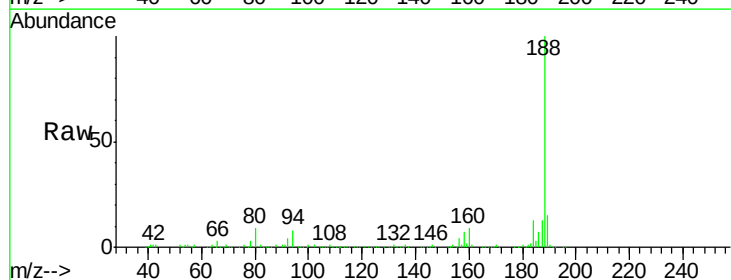
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-3

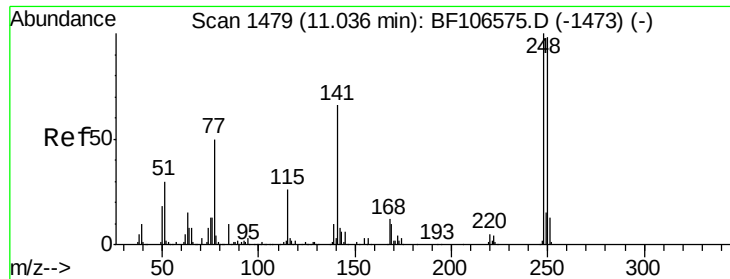
Tgt Ion:	165	Resp:	13456
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

Tgt Ion:	188	Resp:	187299
Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.8	9.2	13.8#

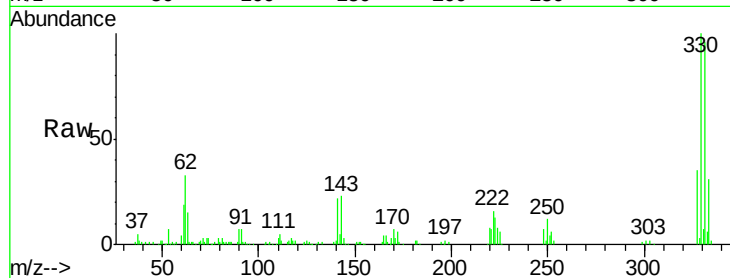




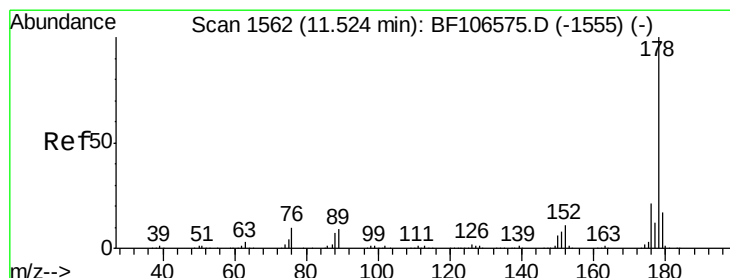
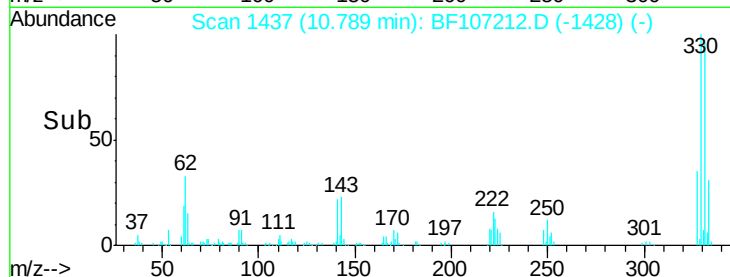
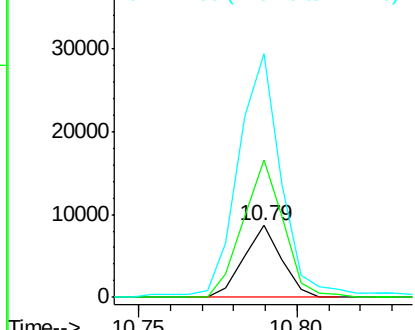
#66
 4-Bromophenyl-phenylether
 Concen: 3.204 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-3

Tgt Ion: 248 Resp: 7163
 Ion Ratio Lower Upper
 248 100
 250 191.6 76.9 115.3#
 141 338.1 74.4 111.6#

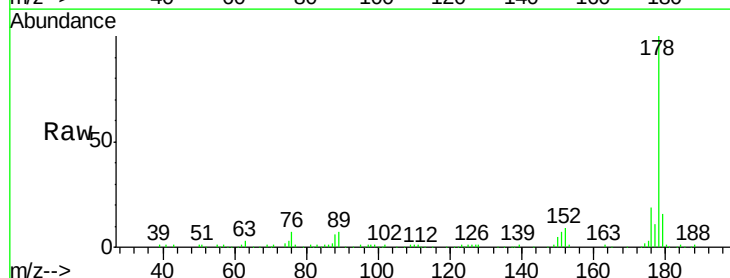


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

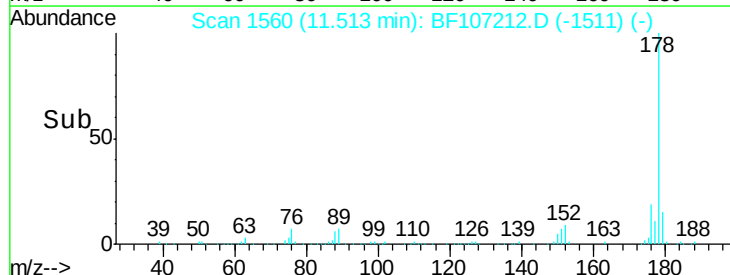
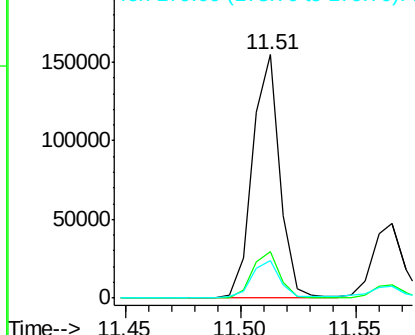


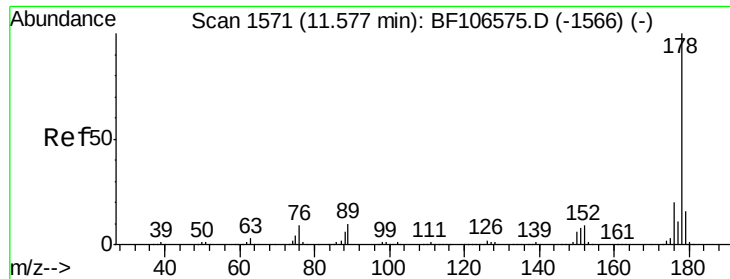
#70
 Phenanthrene
 Concen: 14.199 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

Tgt Ion: 178 Resp: 128272
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.5 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

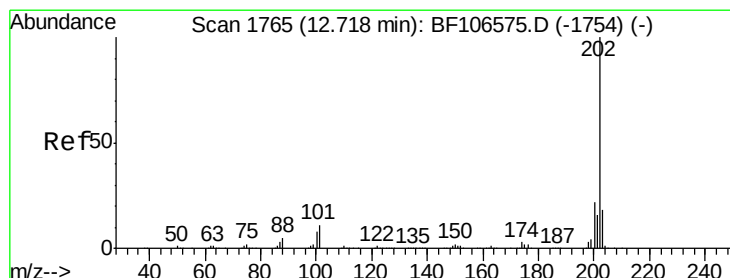
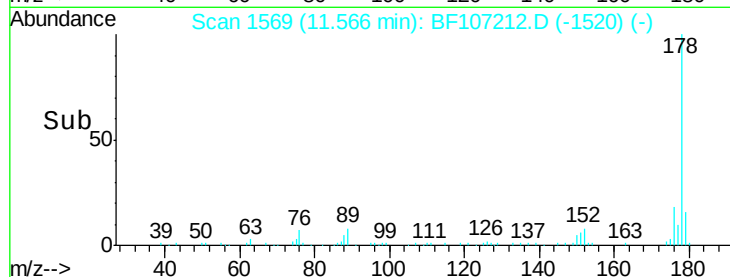
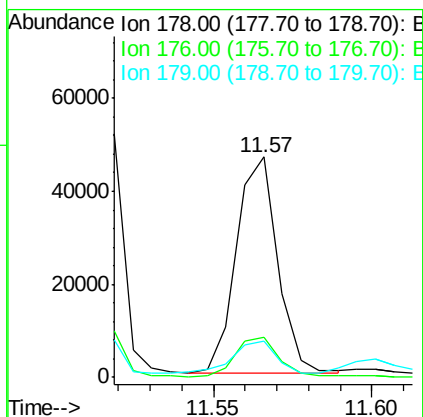
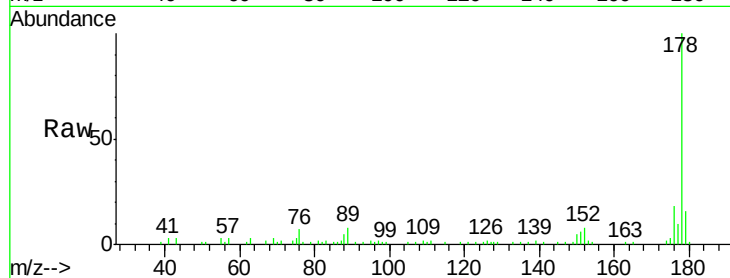




#71
 Anthracene
 Concen: 4.522 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

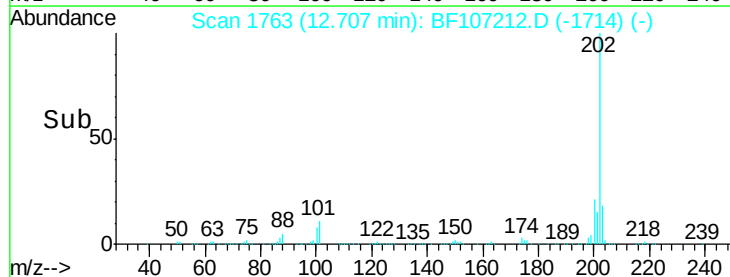
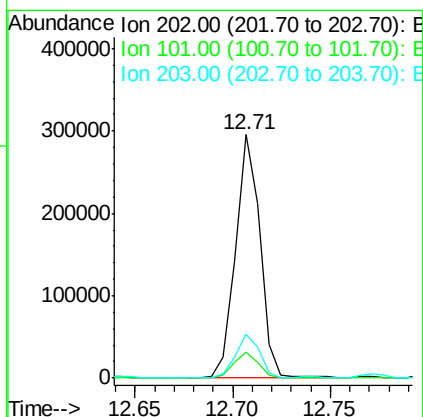
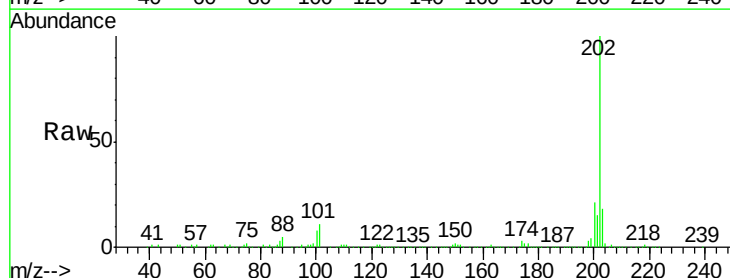
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-3

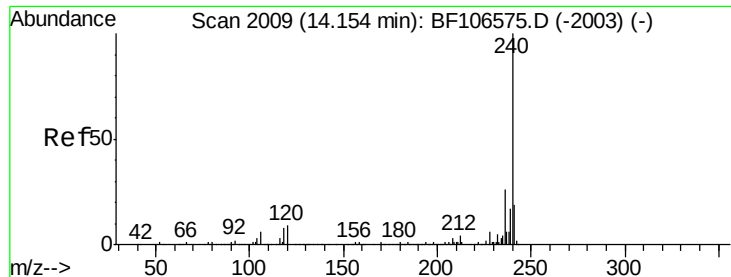
Tgt Ion:178 Resp: 41695
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 16.4 12.6 19.0



#74
 Fluoranthene
 Concen: 25.763 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

Tgt Ion:202 Resp: 256529
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 34.1
 203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-3

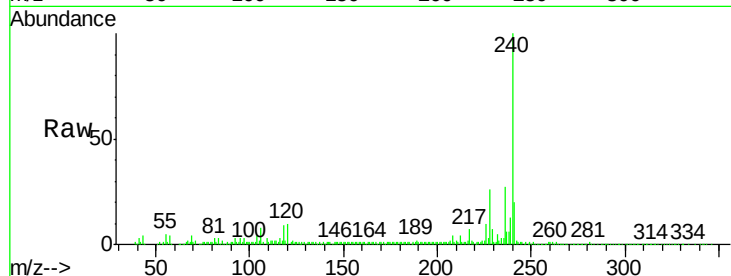
Tgt Ion:240 Resp: 139011

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

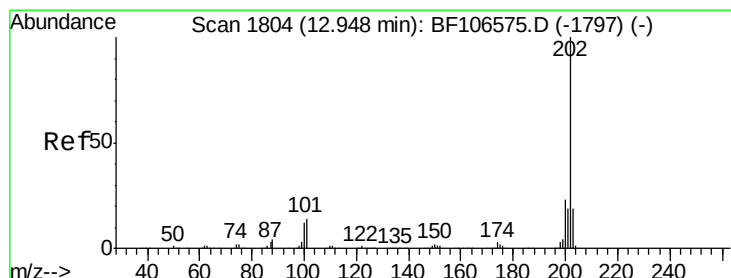
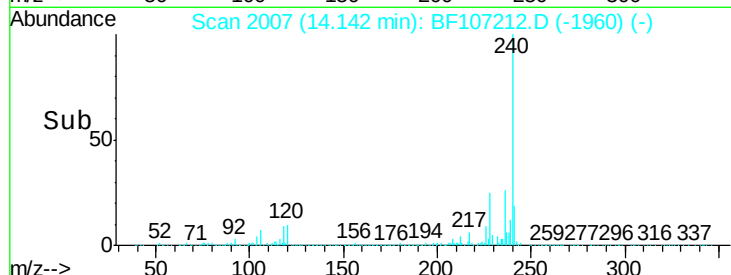
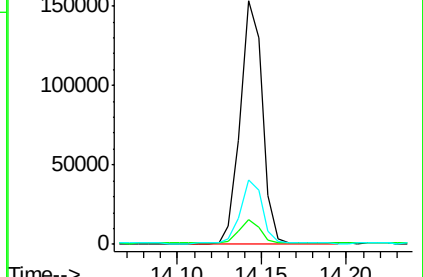
236 26.7 20.7 31.1



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: 27.095 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

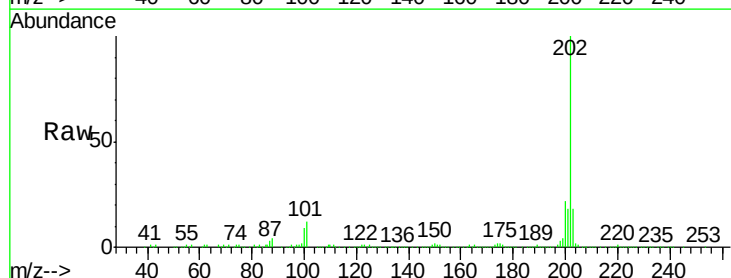
Tgt Ion:202 Resp: 248379

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

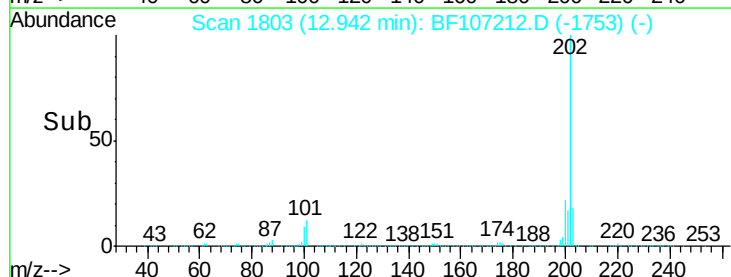
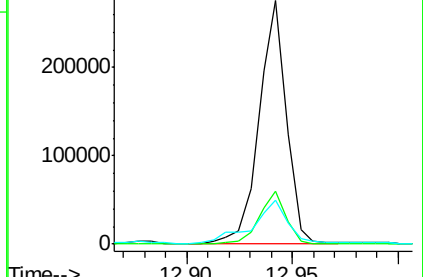
203 18.1 14.3 21.5

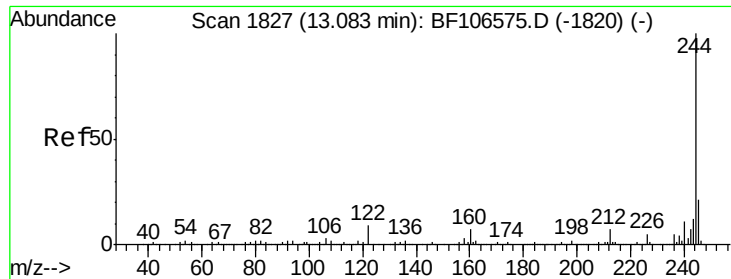


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

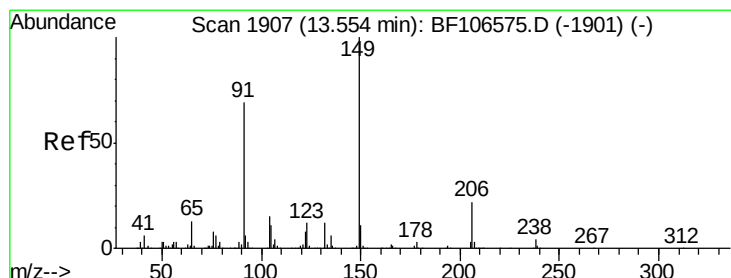
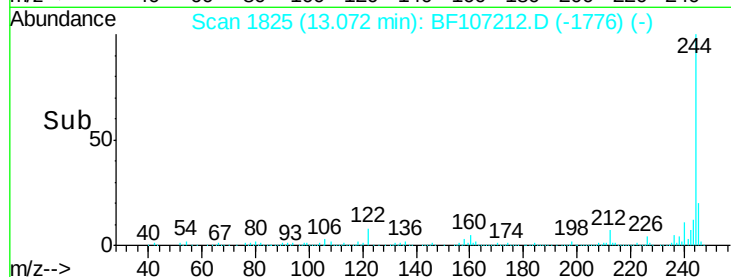
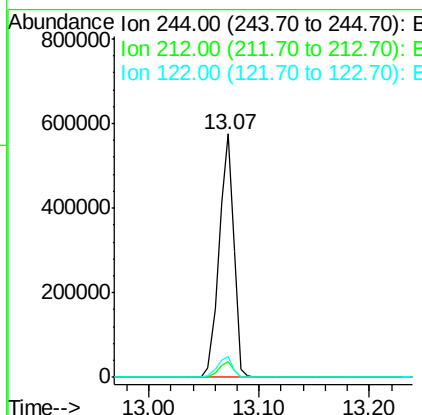
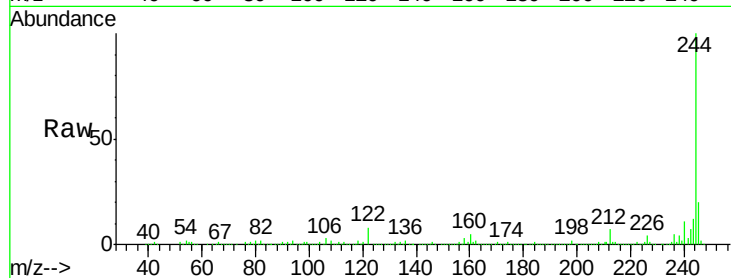




#78
 Terphenyl-d14
 Concen: 92.465 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

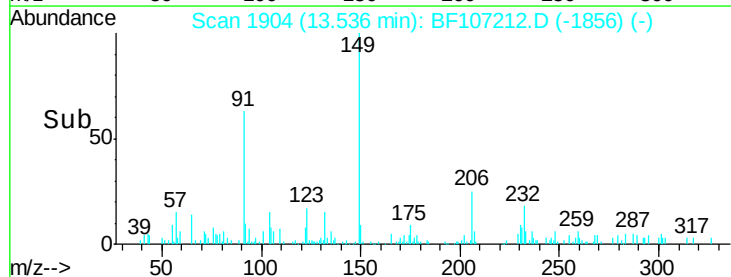
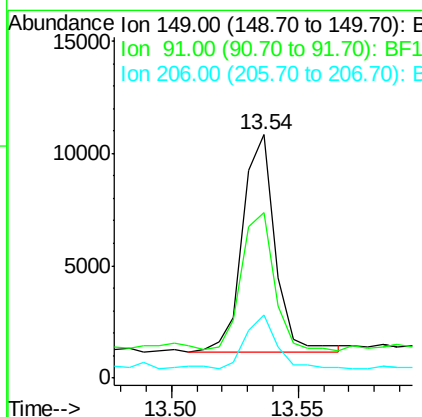
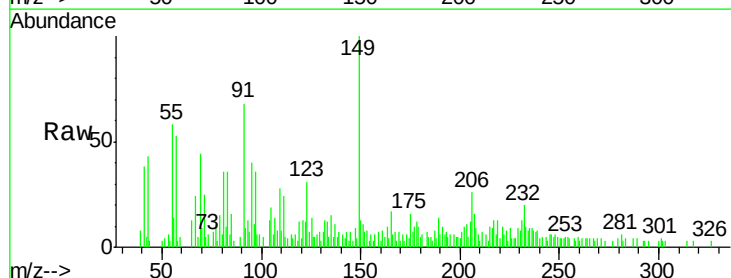
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-3

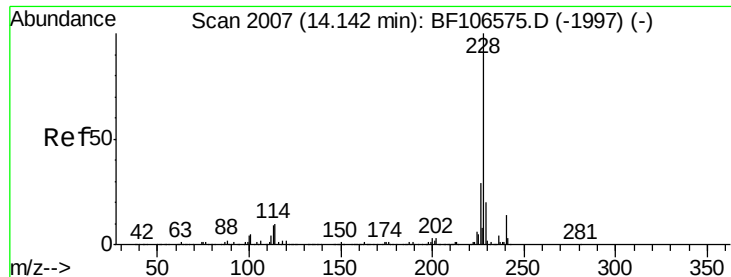
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.4	11.0	16.4



#79
 Butylbenzylphthalate
 Concen: 2.280 ng
 RT: 13.54 min Scan# 1904
 Delta R.T. -0.02 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.1	56.8	85.2
206	26.1	14.1	21.1





#80

Benzo(a)anthracene

Concen: 14.433 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-3

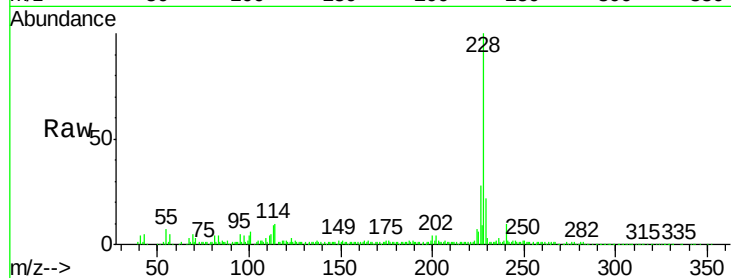
Tgt Ion:228 Resp: 122280

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

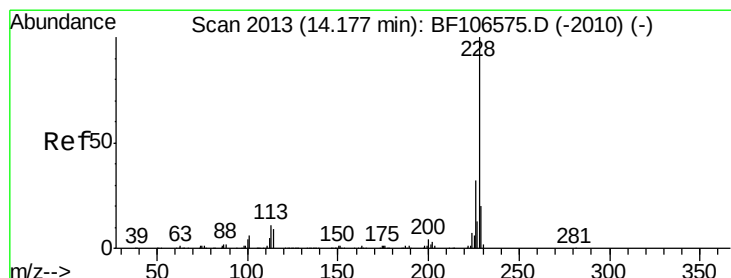
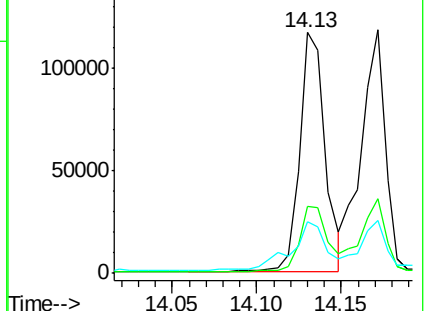
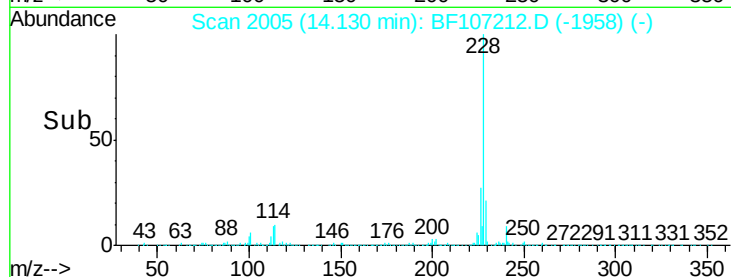
229 21.6 15.8 23.6



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: 15.197 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

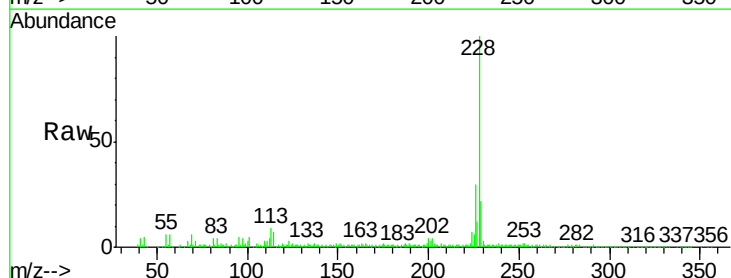
Tgt Ion:228 Resp: 118450

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

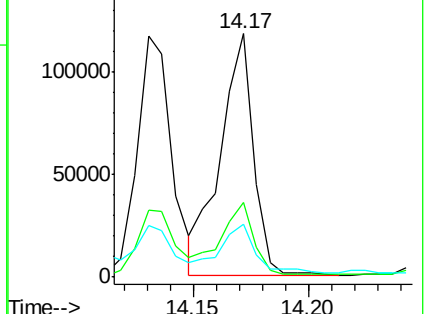
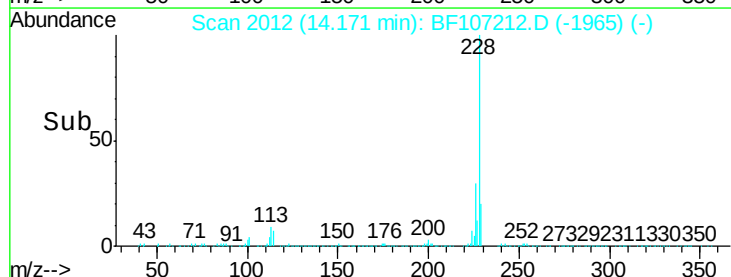
229 21.9 16.2 24.4

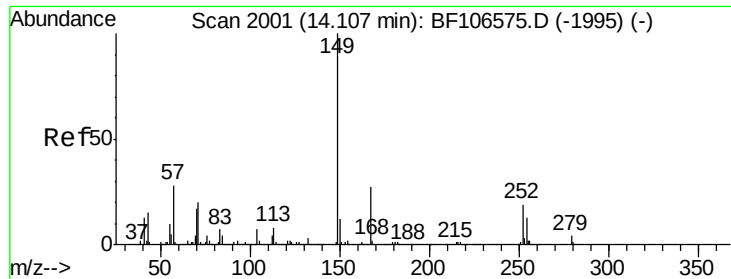


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

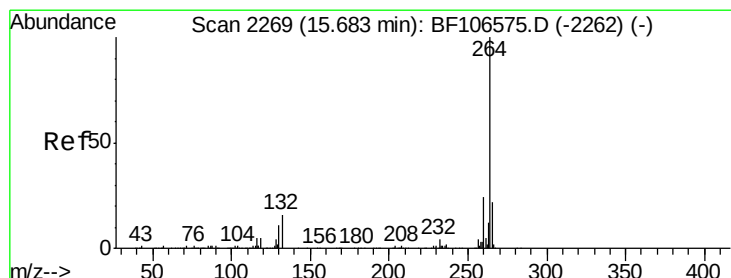
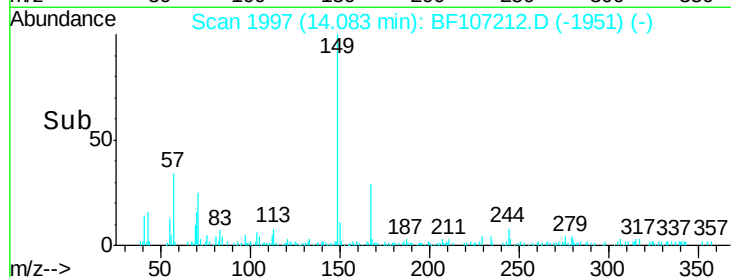
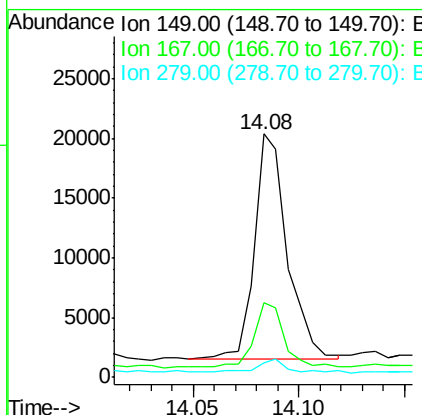
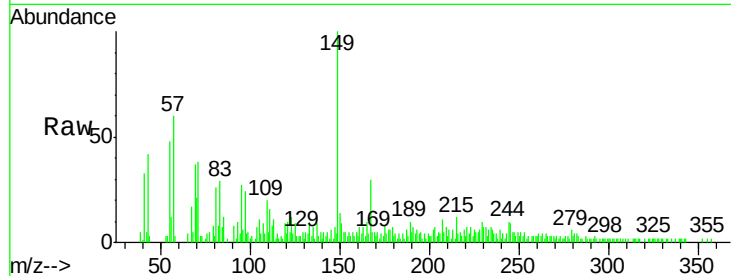




#83
Bis(2-ethylhexyl)phthalate
Concen: 4.192 ng
RT: 14.08 min Scan# 1997
Delta R.T. -0.03 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

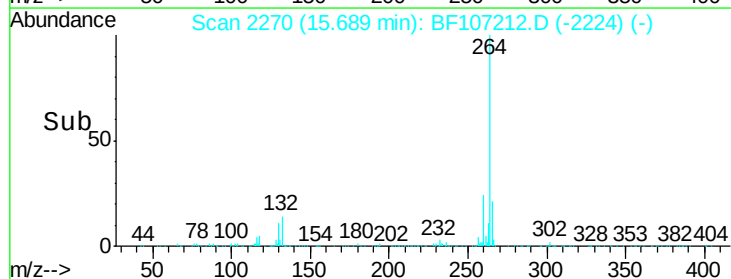
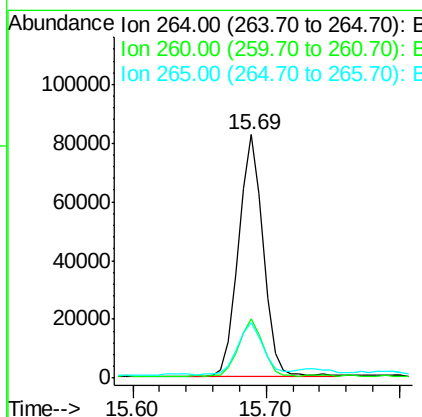
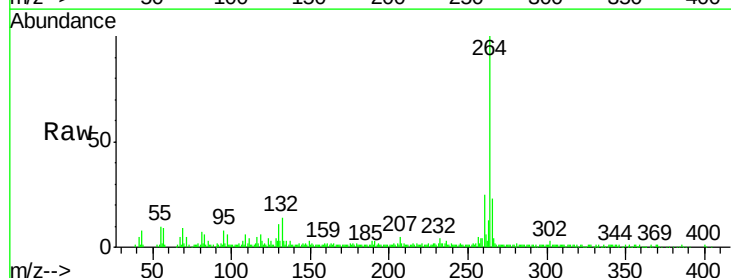
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3

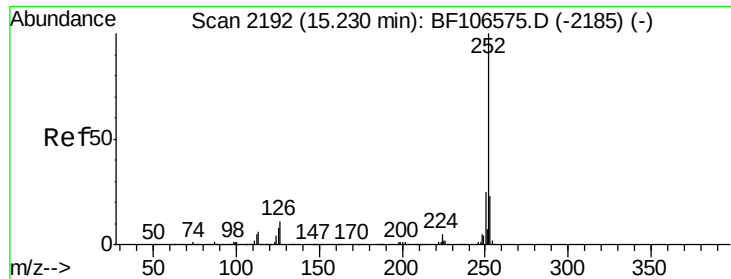
Tgt Ion:149 Resp: 20199
Ion Ratio Lower Upper
149 100
167 30.4 21.3 31.9
279 6.0 3.0 4.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Tgt Ion:264 Resp: 105584
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 22.8 17.5 26.3

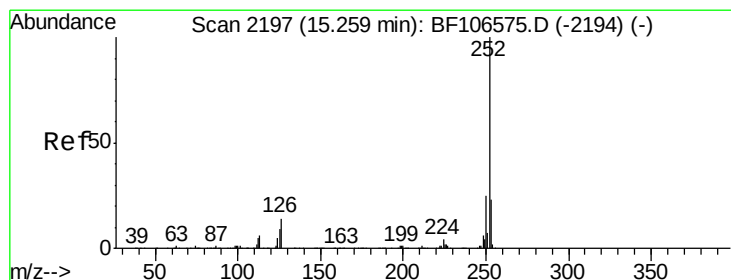
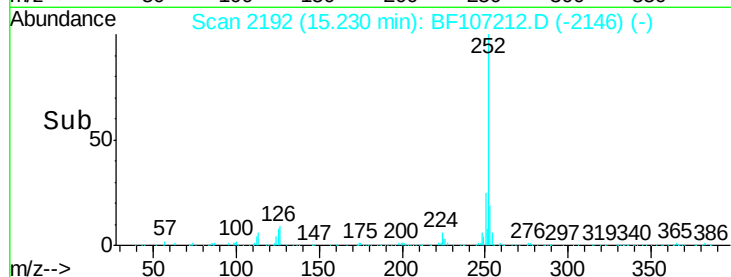
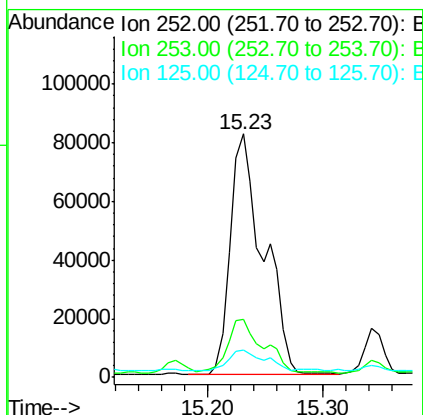
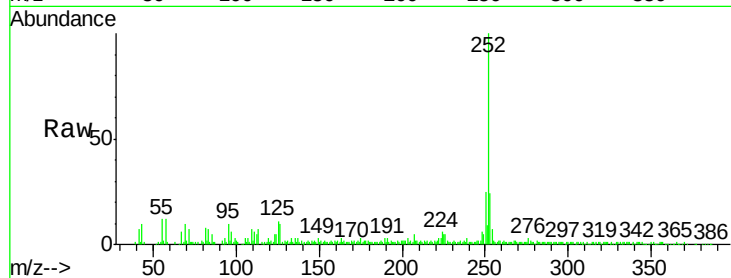




#87
Benzo(b)fluoranthene
Concen: 25.121 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

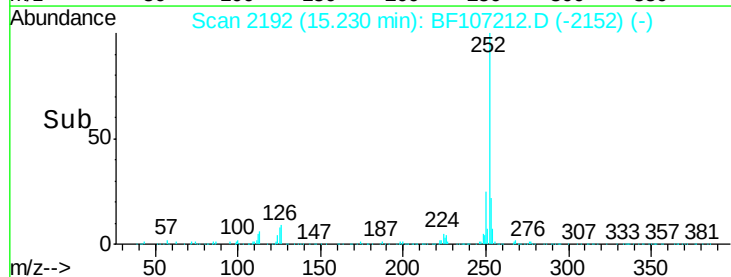
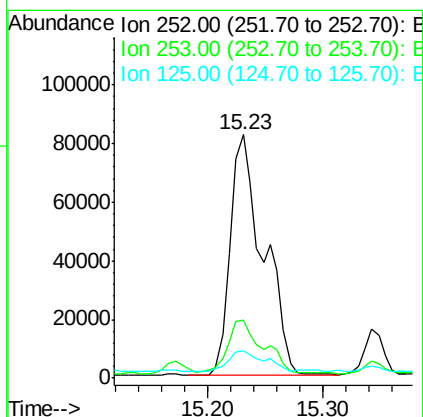
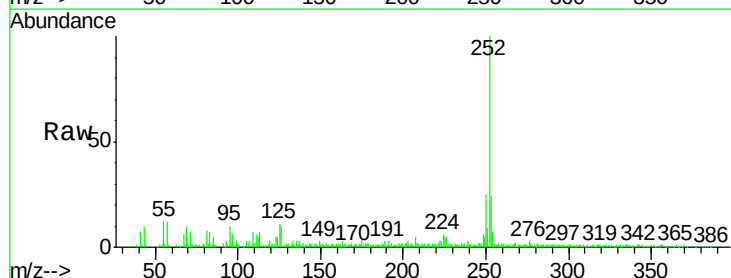
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3

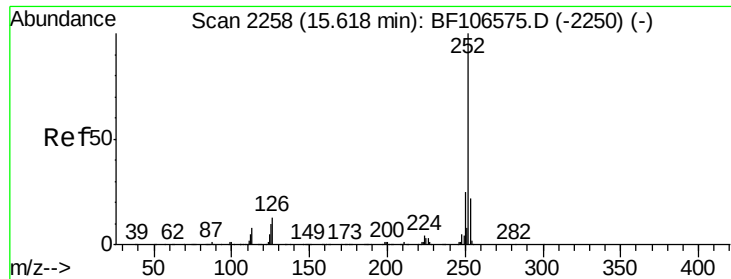
Tgt Ion:252 Resp: 164761
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 11.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 26.379 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.06 min
Lab File: BF107212.D
Acq: 7 Jul 2018 17:46

Tgt Ion:252 Resp: 164761
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 11.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 13.977 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.03 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-3

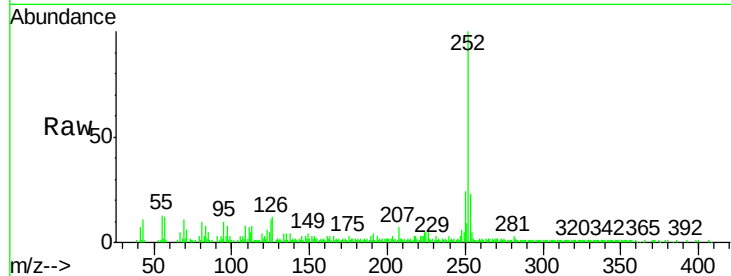
Tgt Ion: 252 Resp: 81497

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

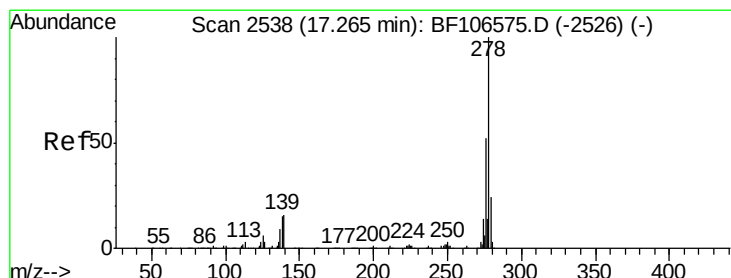
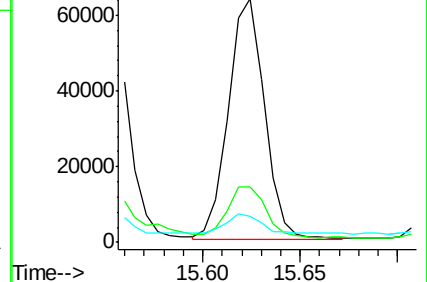
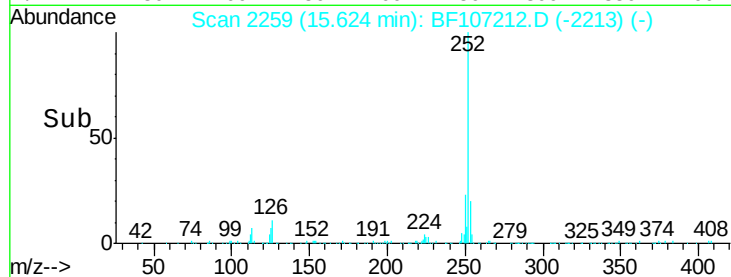
125 10.8 9.8 14.6



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: 2.885 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.05 min

Lab File: BF107212.D

Acq: 7 Jul 2018 17:46

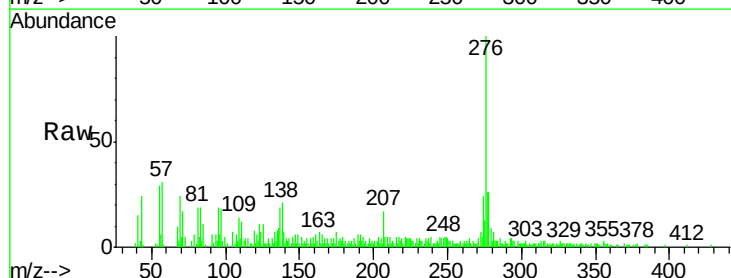
Tgt Ion: 278 Resp: 14254

Ion Ratio Lower Upper

278 100

139 28.8 15.9 23.9#

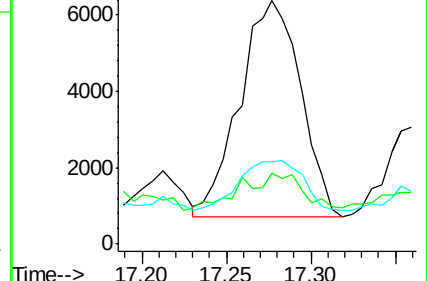
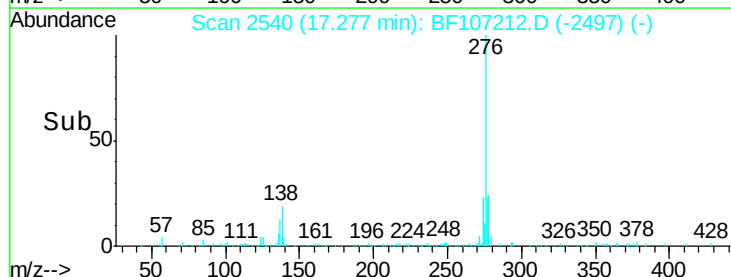
279 33.8 19.0 28.4#

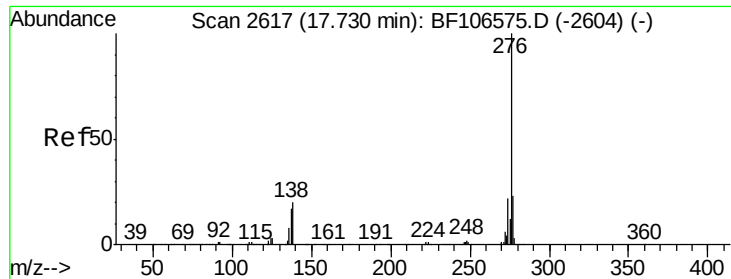


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

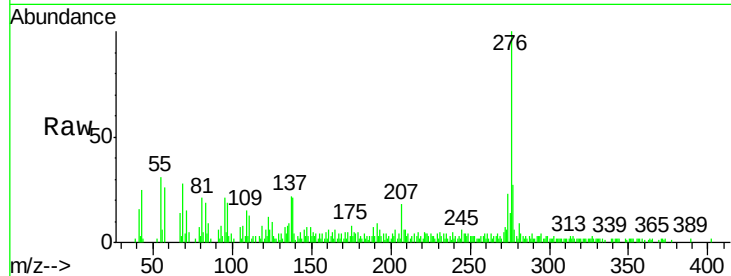




#91
 Benzo(g,h,i)perylene
 Concen: 10.274 ng
 RT: 17.77 min Scan# 2624
 Delta R.T. -0.02 min
 Lab File: BF107212.D
 Acq: 7 Jul 2018 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-3

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.9	26.9
138	20.5	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

