

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
 Data File : BF107211.D
 Acq On : 7 Jul 2018 17:20
 Operator : JU/SJ
 Sample : J3879-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-2

Quant Time: Jul 09 02:15:57 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

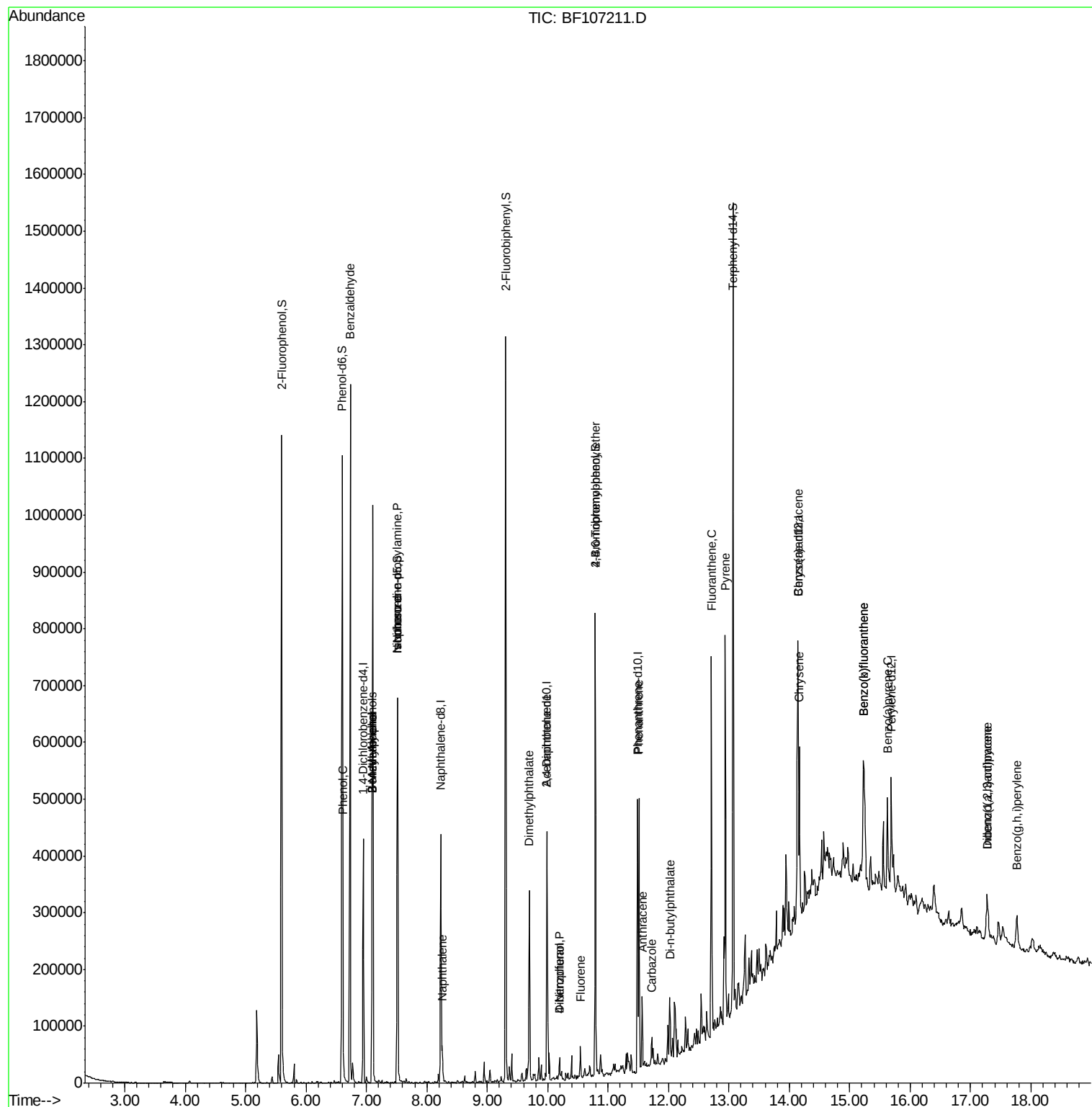
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	58299	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	206529	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	91358	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	176719	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	145481	20.00	ng	-0.02
86) Perylene-d12	15.69	264	106891	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	350132	101.70	ng	0.00
7) Phenol-d6	6.60	99	424800	98.80	ng	-0.01
23) Nitrobenzene-d5	7.51	82	255058	68.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	114811	108.43	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	460082	85.29	ng	-0.02
78) Terphenyl-d14	13.07	244	538725	89.70	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	7335	2.036	ng	89
10) Phenol	6.61	94	10490	2.138	ng	90
15) Benzyl Alcohol	7.09	79	32307	9.358	ng	97
17) 2-Methylphenol	7.09	107	15862	4.908	ng	# 16
19) n-Nitroso-di-n-propylamine	7.51	70	33164	11.702	ng	# 74
20) 3+4-Methylphenols	7.09	107	15862	2.975	ng	# 1
25) Isophorone	7.51	82	255056	38.948	ng	# 64
31) Naphthalene	8.25	128	22694	2.350	ng	99
49) Dimethylphthalate	9.70	163	137472	20.063	ng	98
54) Dibenzofuran	10.20	168	16023	2.054	ng	92
55) 4-Nitrophenol	10.20	139	5426	4.656	ng	# 12
56) 2,4-Dinitrotoluene	9.99	165	12603	6.655	ng	# 21
57) Fluorene	10.54	166	15639	2.526	ng	# 93
66) 4-Bromophenyl-phenylether	10.79	248	6846	3.246	ng	# 1
70) Phenanthrene	11.51	178	171870	20.164	ng	99
71) Anthracene	11.57	178	49489	5.688	ng	97
72) Carbazole	11.72	167	19654	2.413	ng	99
73) Di-n-butylphthalate	12.03	149	30215	3.149	ng	99
74) Fluoranthene	12.71	202	294251	31.321	ng	96
77) Pyrene	12.94	202	271382	28.288	ng	99
80) Benzo(a)anthracene	14.14	228	137740	15.535	ng	98
82) Chrysene	14.17	228	130103	15.949	ng	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	55844	8.067	ng	# 87
87) Benzo(b)fluoranthene	15.23	252	183734	27.671	ng	96
88) Benzo(k)fluoranthene	15.23	252	183734	29.057	ng	96
89) Benzo(a)pyrene	15.62	252	90081	15.261	ng	95
90) Dibenzo(a,h)anthracene	17.28	278	15878	3.174	ng	# 82
91) Benzo(g,h,i)perylene	17.77	276	55639	11.379	ng	# 88

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

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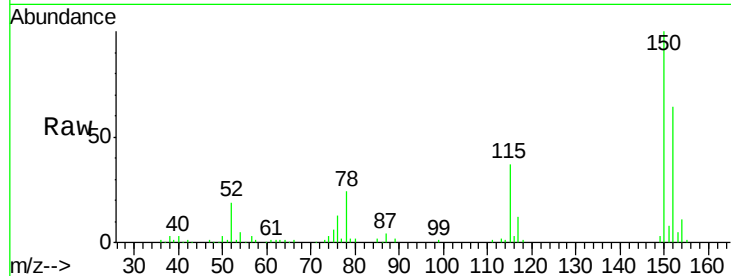


#1

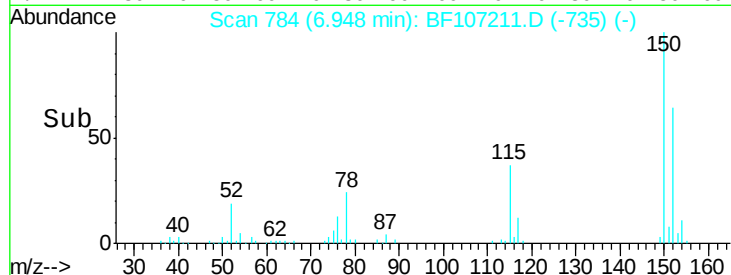
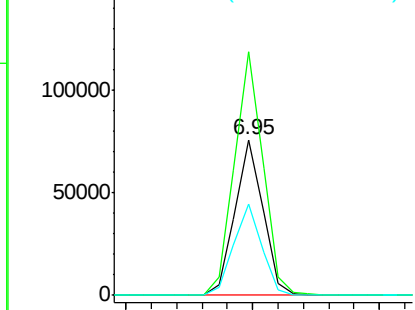
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-2

Tgt Ion:152 Resp: 58299
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 58.7 50.1 75.1



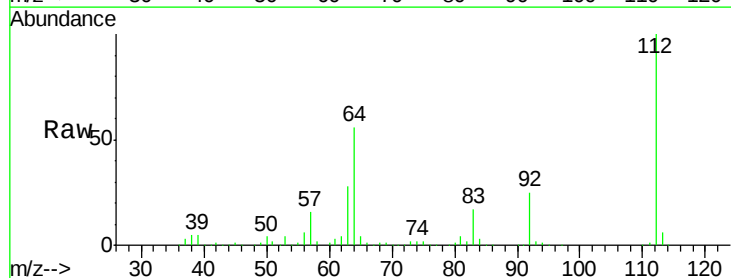
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



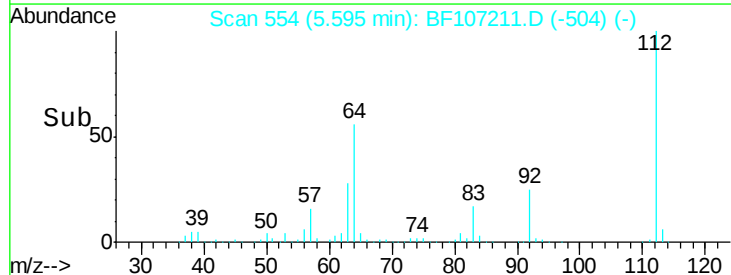
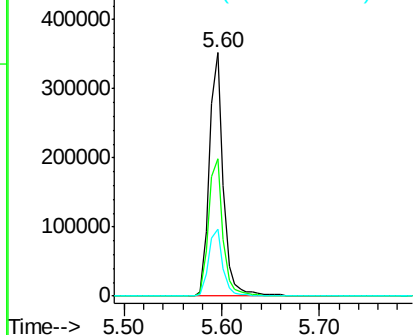
#5

2-Fluorophenol
Concen: 101.697 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Tgt Ion:112 Resp: 350132
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 27.7 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: 98.802 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-2

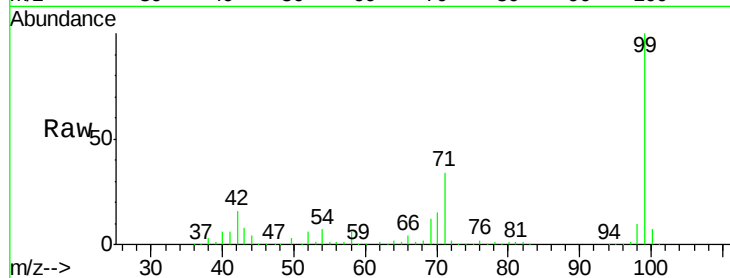
Tgt Ion: 99 Resp: 424800

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

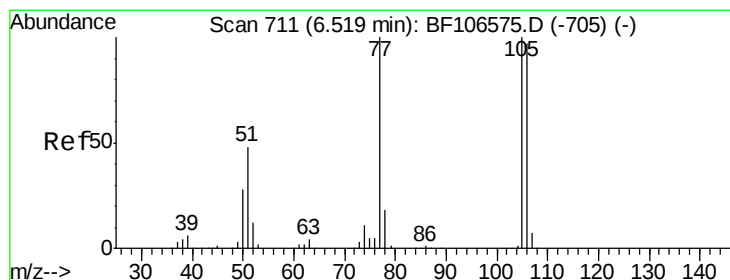
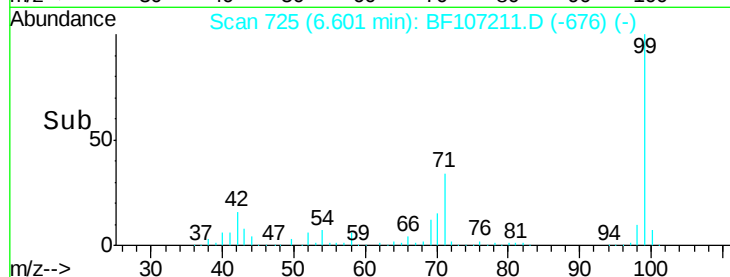
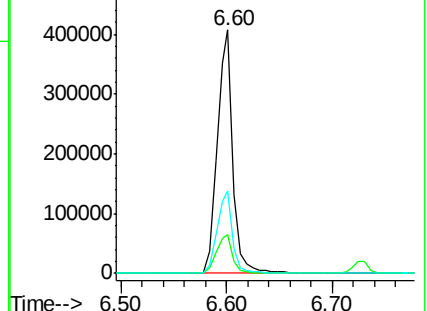
71 33.8 25.4 38.0



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: 2.036 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

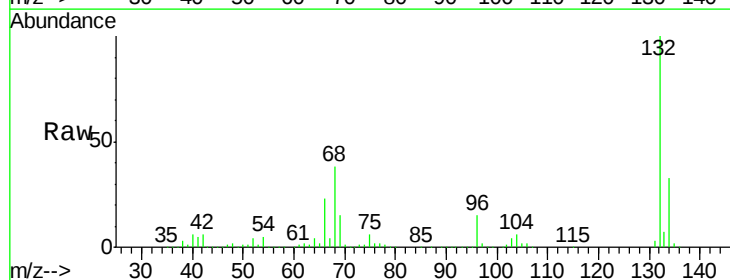
Tgt Ion: 77 Resp: 7335

Ion Ratio Lower Upper

77 100

105 89.5 81.1 121.1

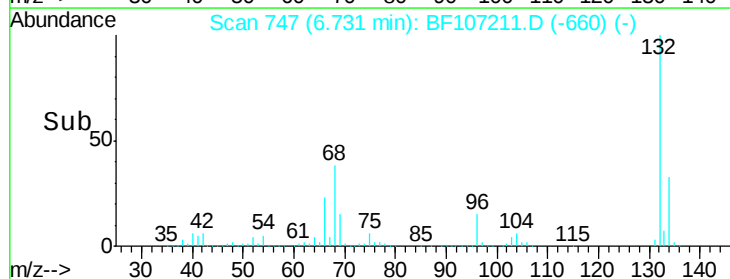
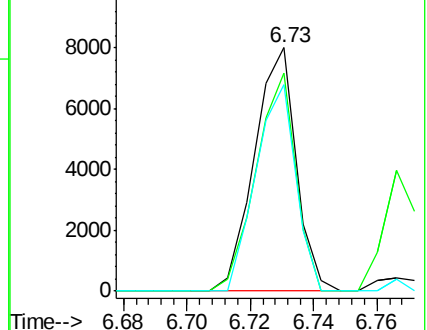
106 84.7 74.5 114.5

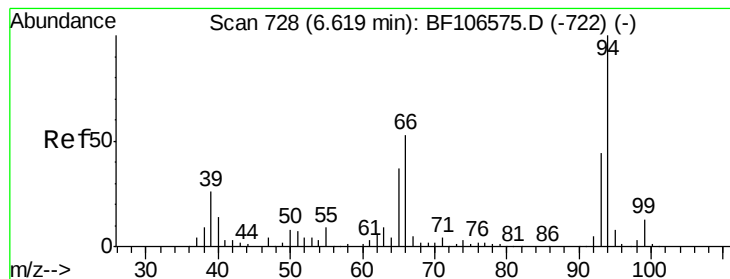


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.138 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-2

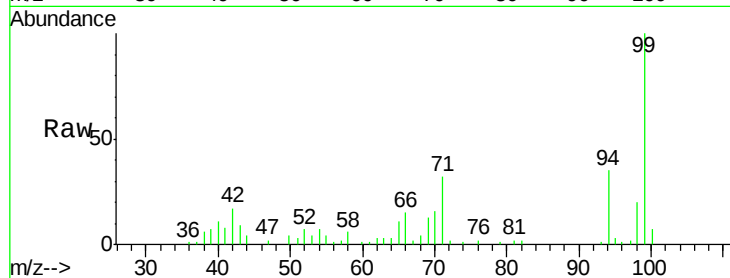
Tgt Ion: 94 Resp: 10490

Ion Ratio Lower Upper

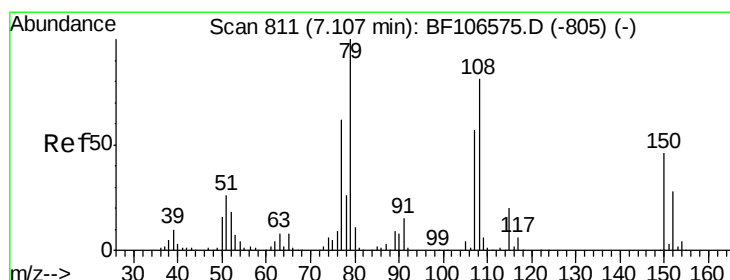
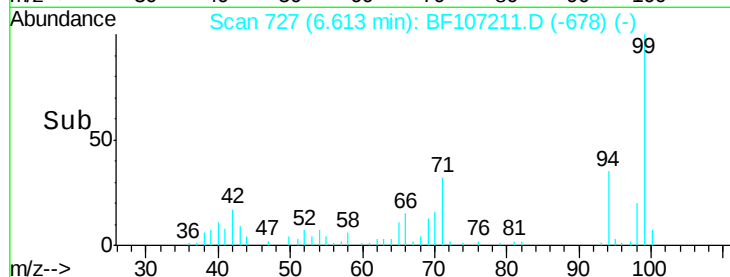
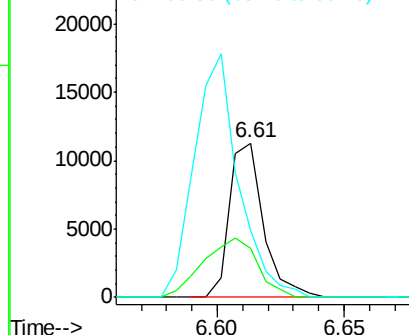
94 100

65 32.0 7.9 47.9

66 43.6 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



#15

Benzyl Alcohol

Concen: 9.358 ng

RT: 7.09 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

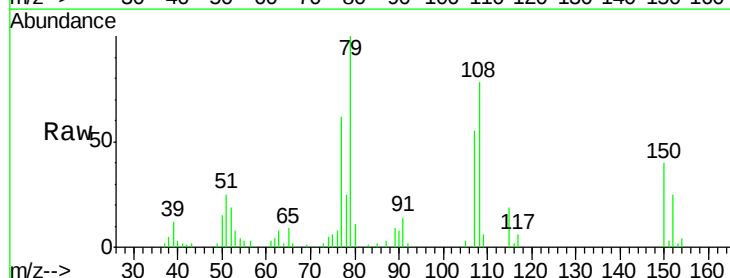
Tgt Ion: 79 Resp: 32307

Ion Ratio Lower Upper

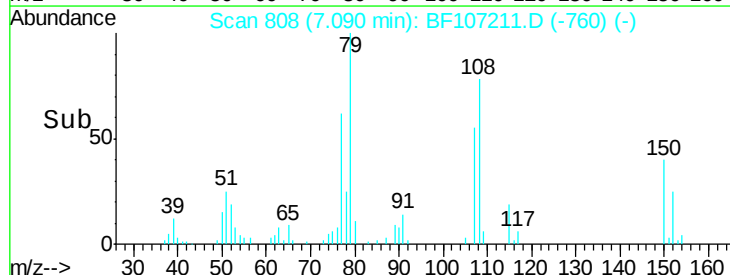
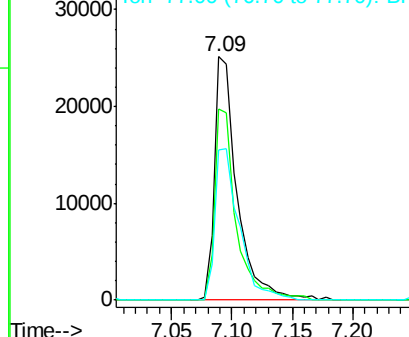
79 100

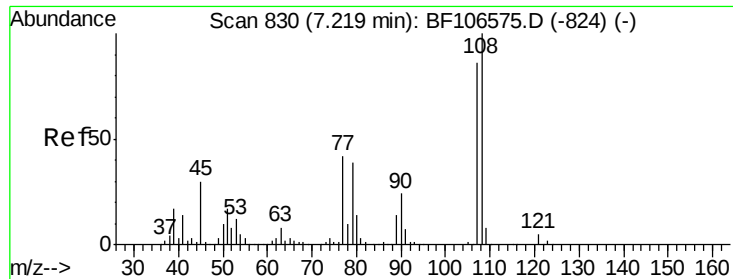
108 78.3 65.1 97.7

77 61.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

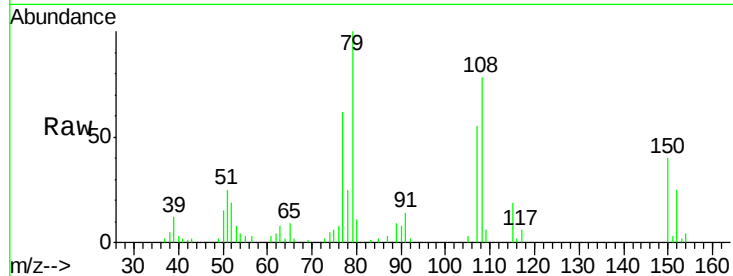




#17
2-Methylphenol
Concen: 4.908 ng
RT: 7.09 min Scan# 808
Delta R.T. -0.14 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-2

Tgt Ion	Ratio	Lower	Upper
107	100		
108	141.7	91.7	137.5#
77	111.4	33.8	50.8#
79	180.9	33.8	50.8#



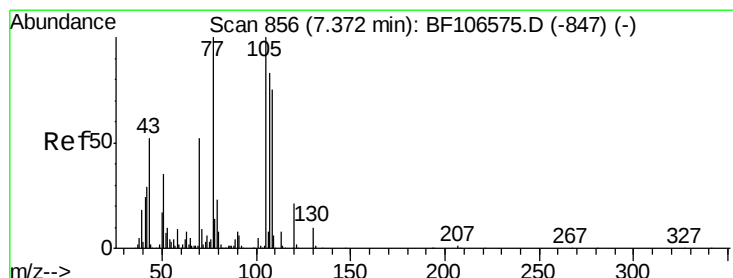
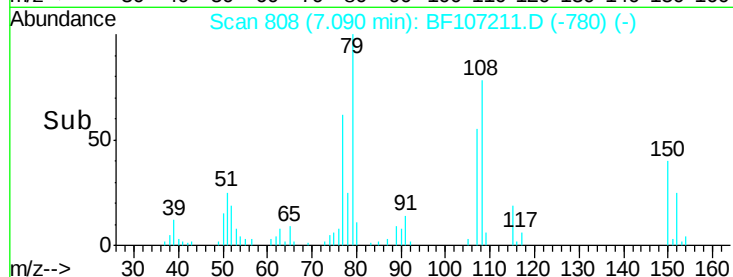
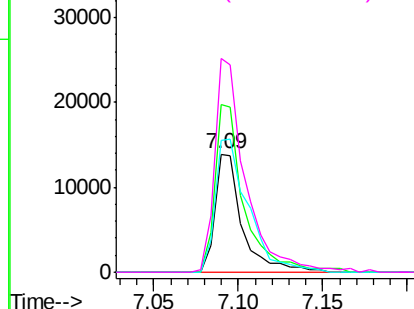
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19
n-Nitroso-di-n-propylamine
Concen: 11.702 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Tgt Ion	Ratio	Lower	Upper
70	100		
42	42.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

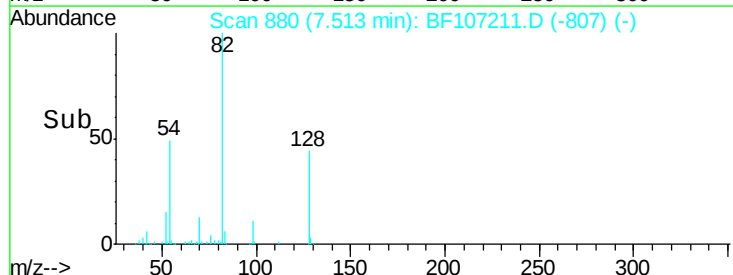
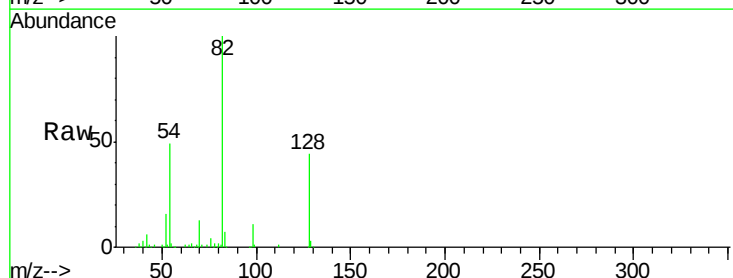
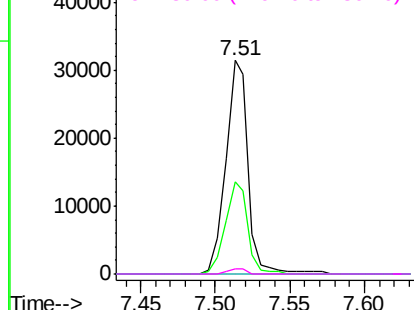
Abundance

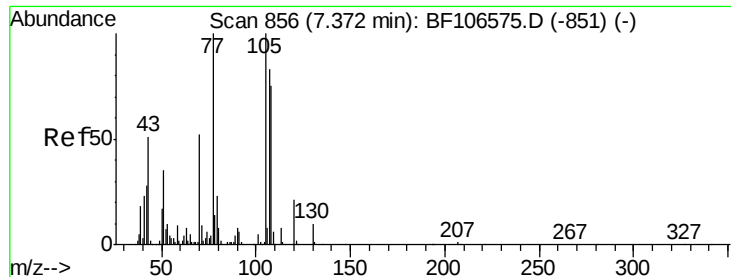
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

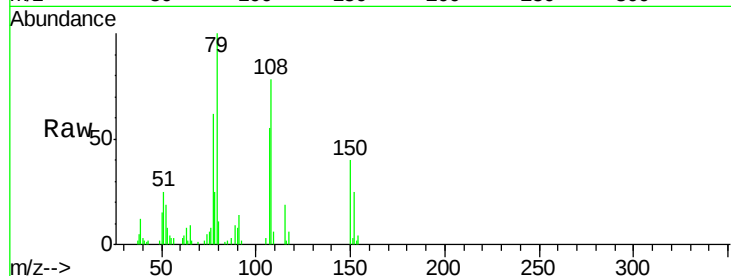




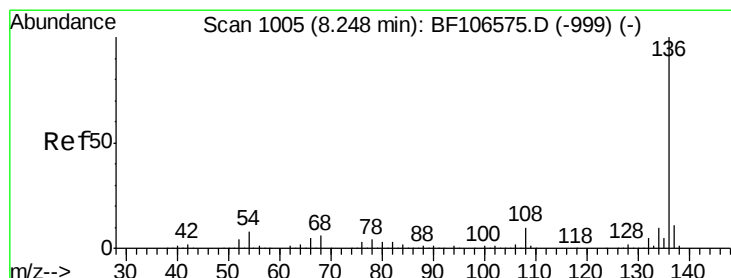
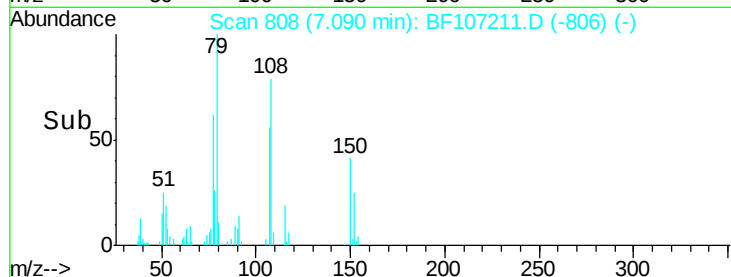
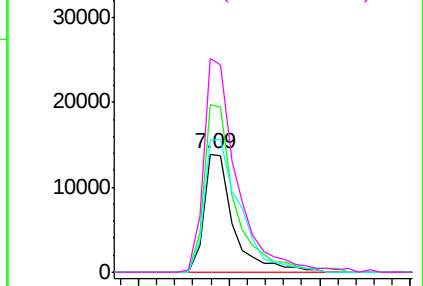
#20
3+4-Methylphenols
Concen: 2.975 ng
RT: 7.09 min Scan# 808
Delta R.T. -0.29 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-2

Tgt Ion:107 Resp: 15862
Ion Ratio Lower Upper
107 100
108 141.7 68.2 108.2#
77 111.4 26.7 66.7#
79 180.9 6.3 46.3#

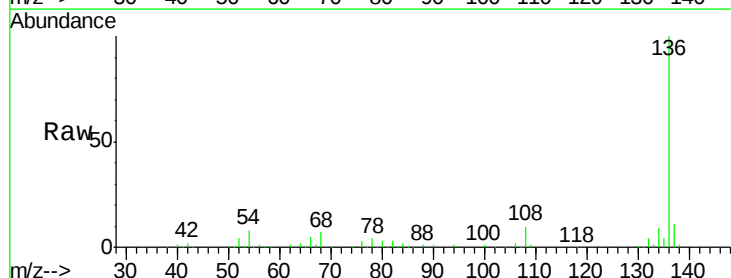


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

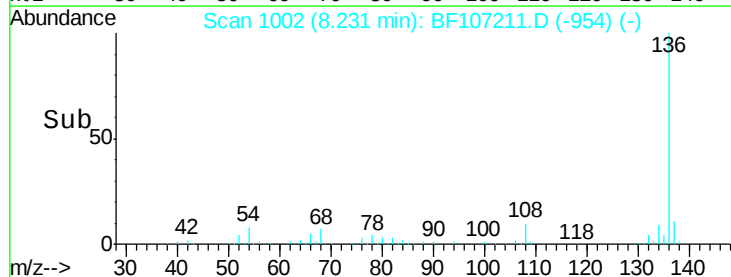
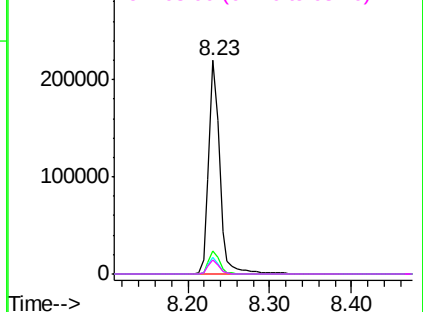


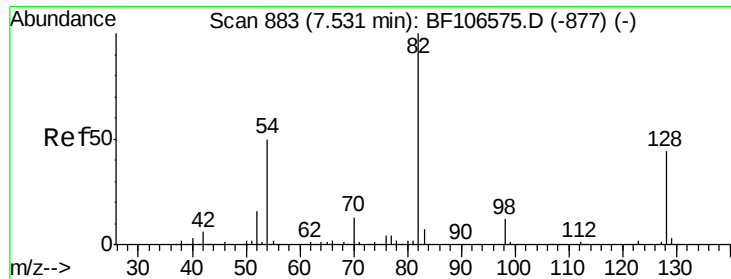
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Tgt Ion:136 Resp: 206529
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.0 6.6 9.8
68 6.7 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

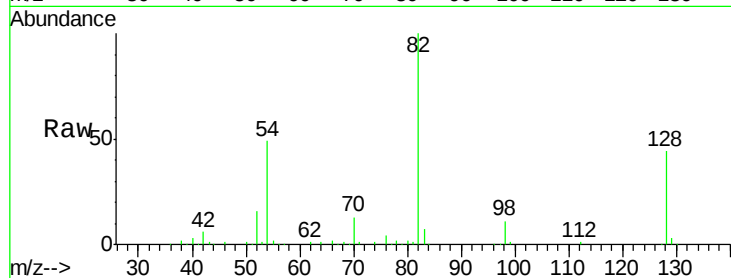




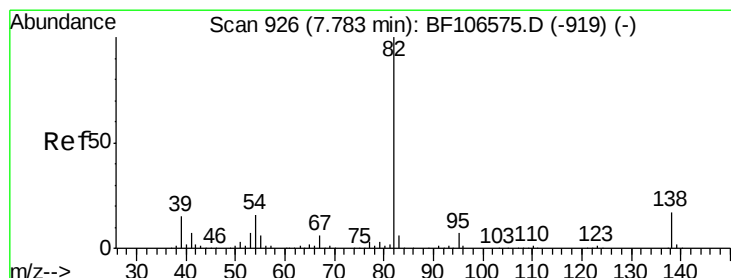
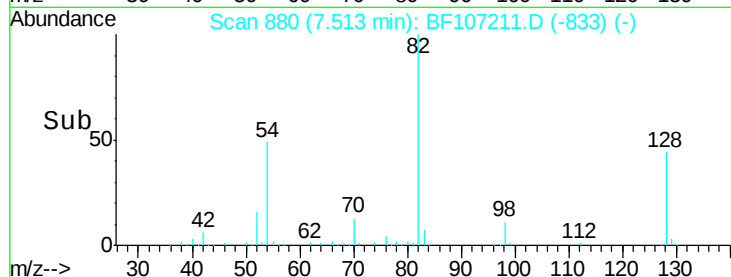
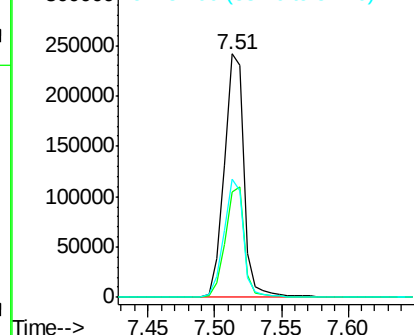
#23
Nitrobenzene-d5
Concen: 68.632 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-2

Tgt Ion: 82 Resp: 255058
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 48.6 41.4 62.2

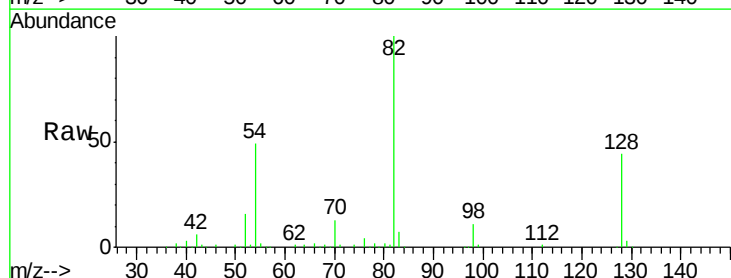


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

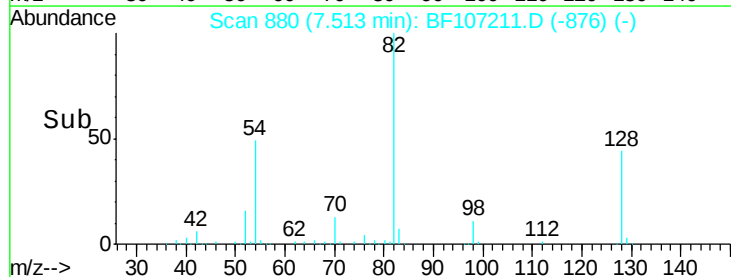
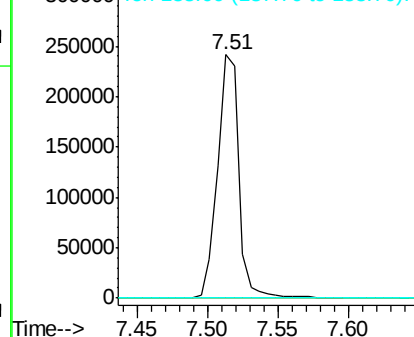


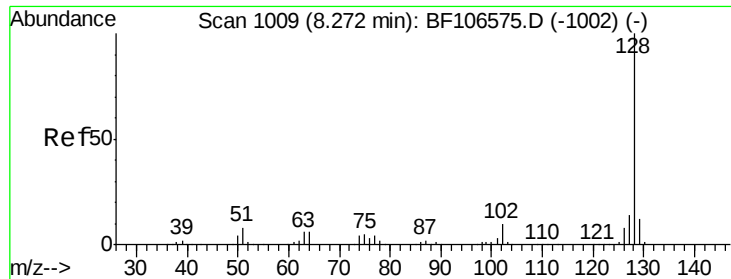
#25
Isophorone
Concen: 38.948 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Tgt Ion: 82 Resp: 255056
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

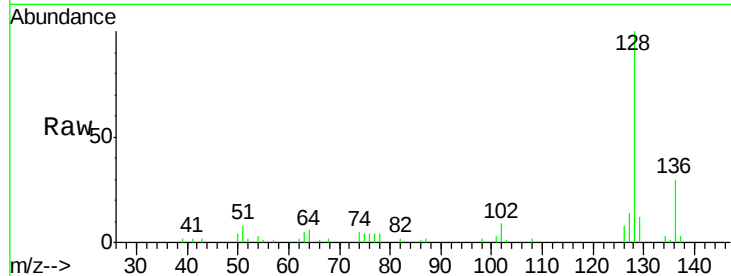




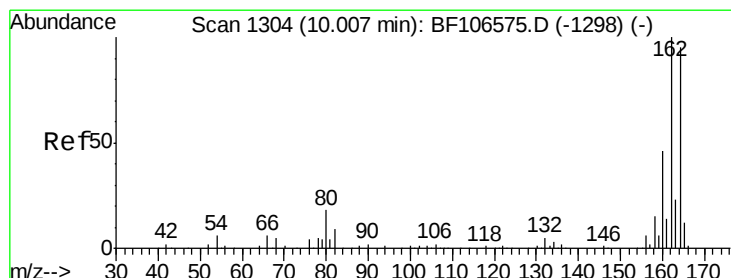
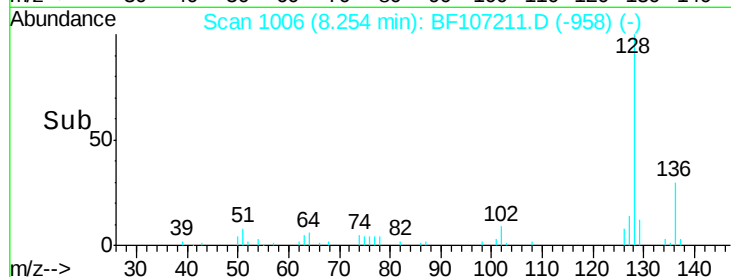
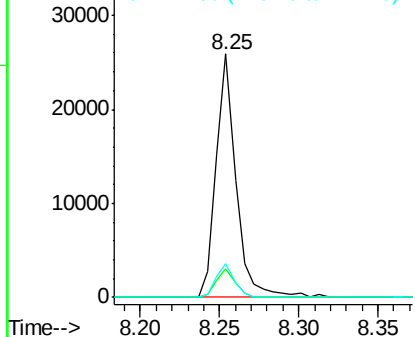
#31
Naphthalene
Concen: 2.350 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-2

Tgt Ion:128 Resp: 22694
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.8 10.9 16.3

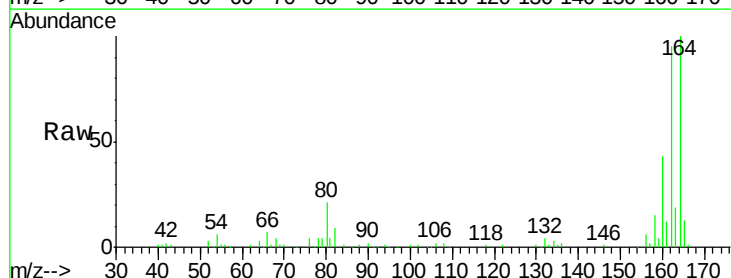


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

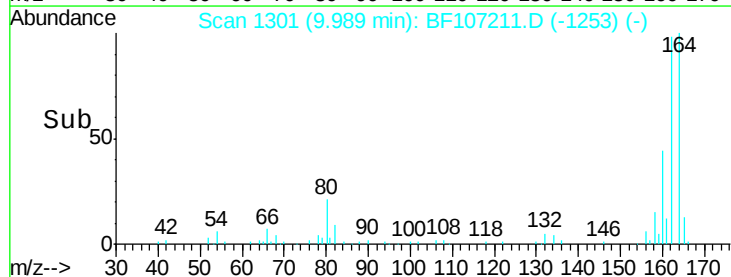
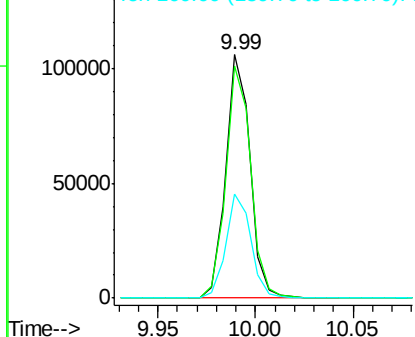


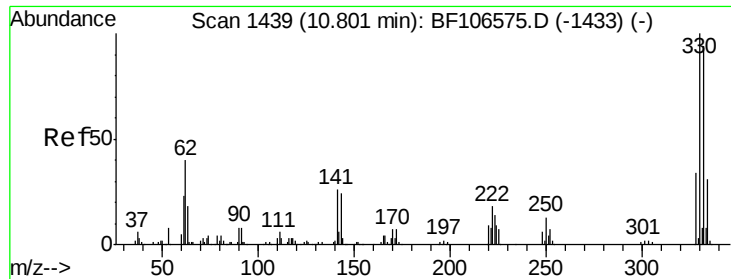
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Tgt Ion:164 Resp: 91358
Ion Ratio Lower Upper
164 100
162 95.4 86.1 129.1
160 42.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

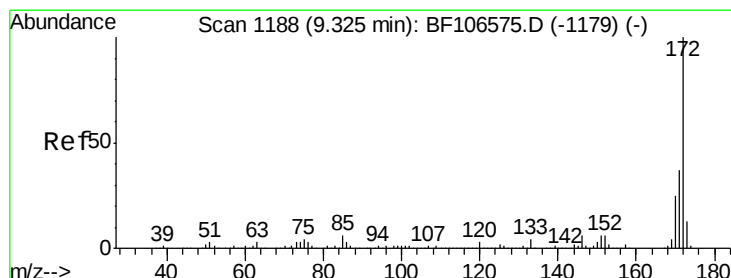
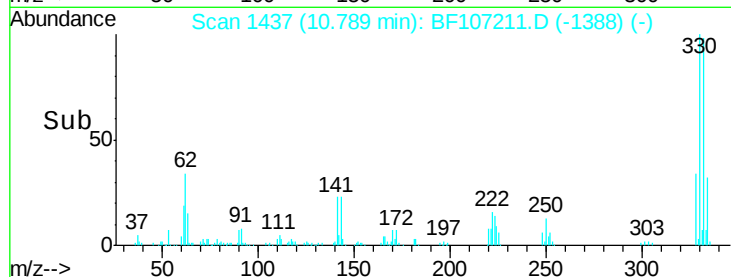
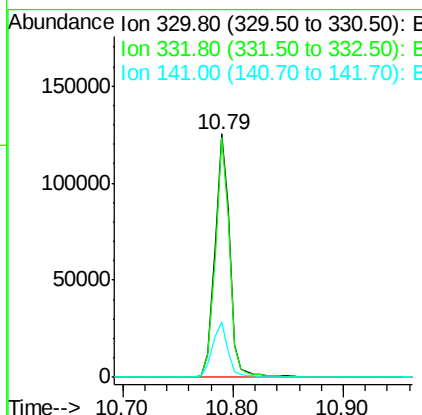
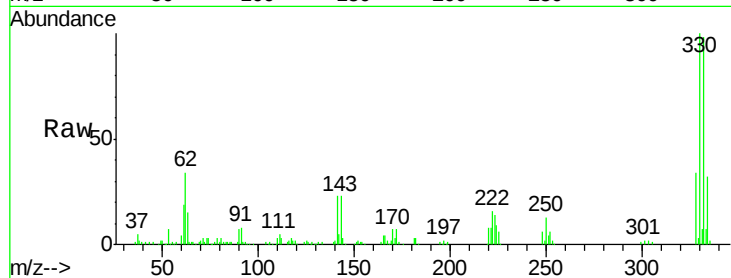




#41
 2,4,6-Tribromophenol
 Concen: 108.428 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107211.D
 Acq: 7 Jul 2018 17:20

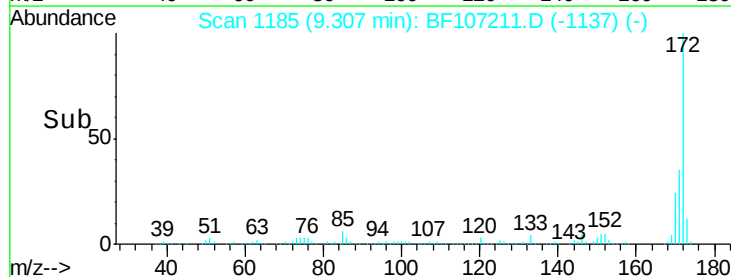
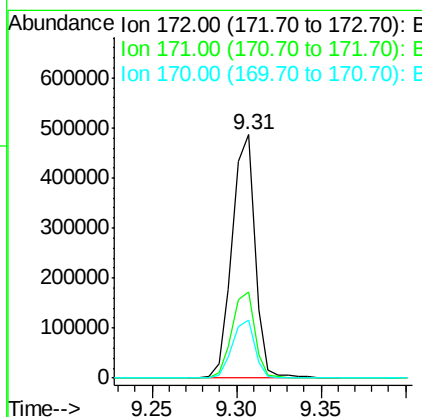
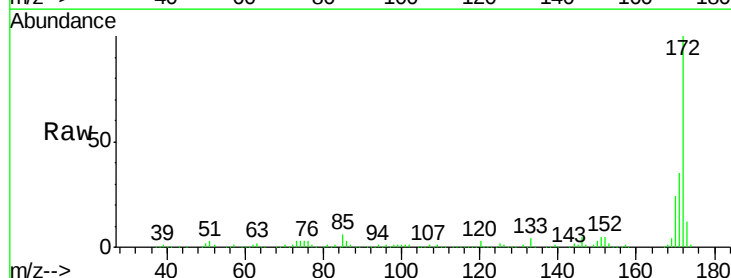
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-2

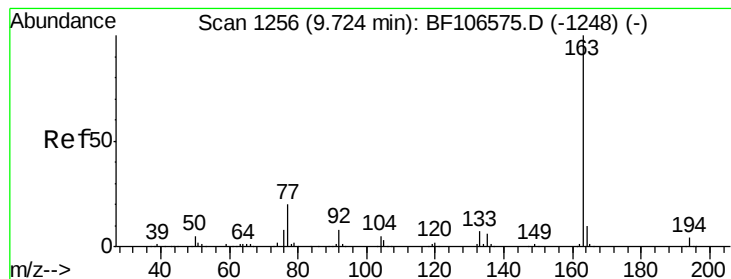
Tgt Ion:330 Resp: 114811
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 24.1 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 85.292 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107211.D
 Acq: 7 Jul 2018 17:20

Tgt Ion:172 Resp: 460082
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 24.0 19.6 29.4





#49

Dimethylphthalate

Concen: 20.063 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-2

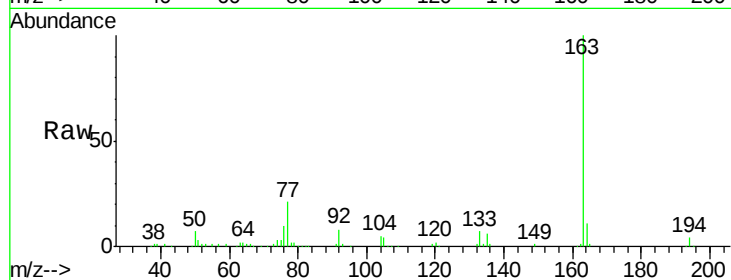
Tgt Ion:163 Resp: 137472

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

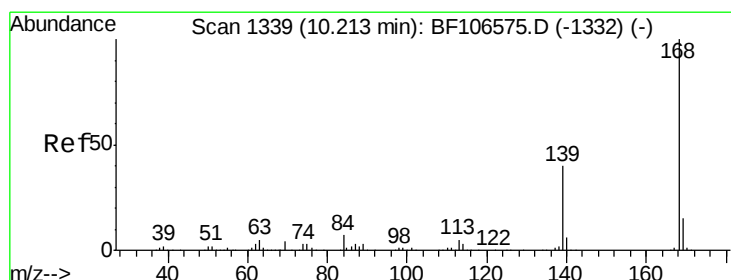
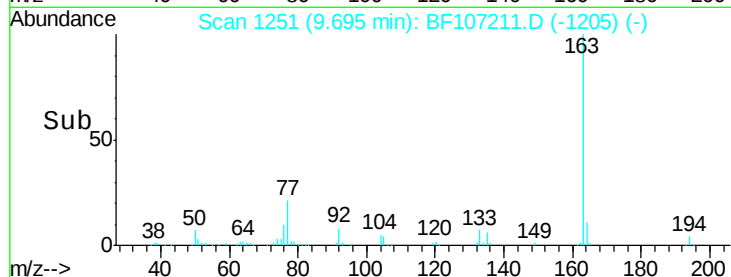
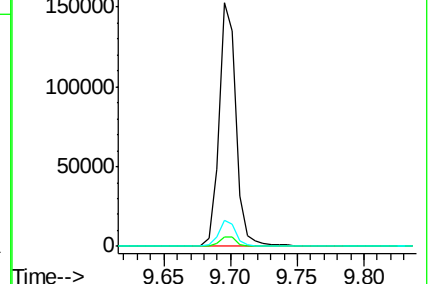
164 10.9 8.2 12.2



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



#54

Dibenzofuran

Concen: 2.054 ng

RT: 10.20 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

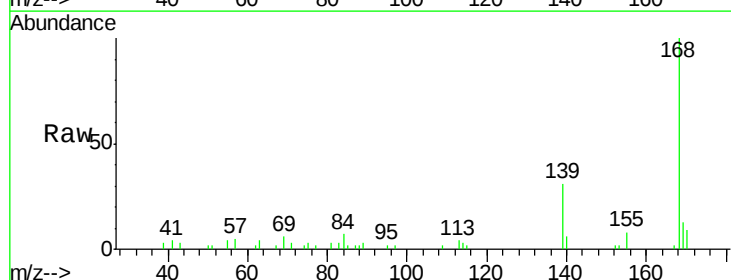
Tgt Ion:168 Resp: 16023

Ion Ratio Lower Upper

168 100

139 31.3 30.1 45.1

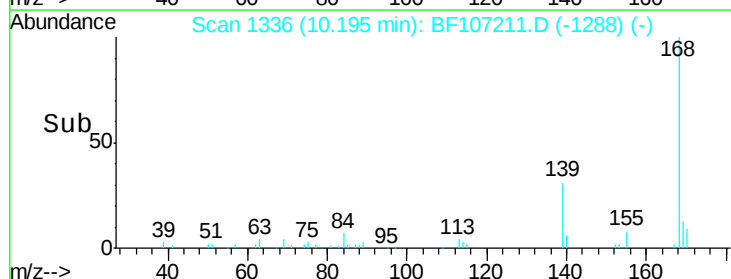
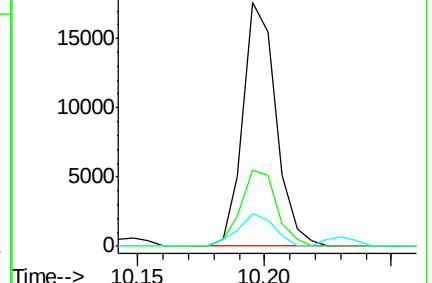
169 13.4 10.9 16.3

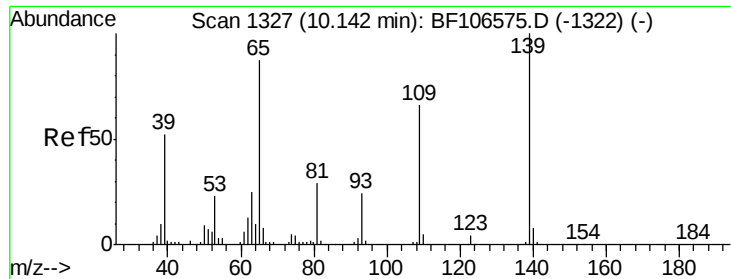


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

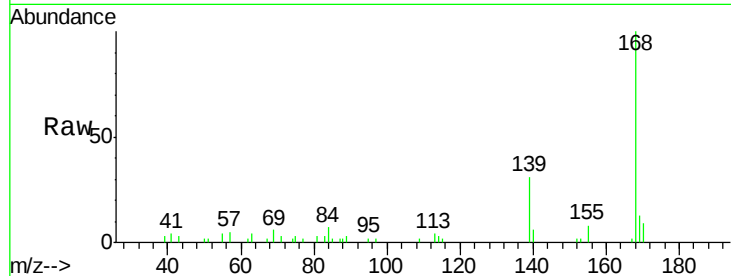




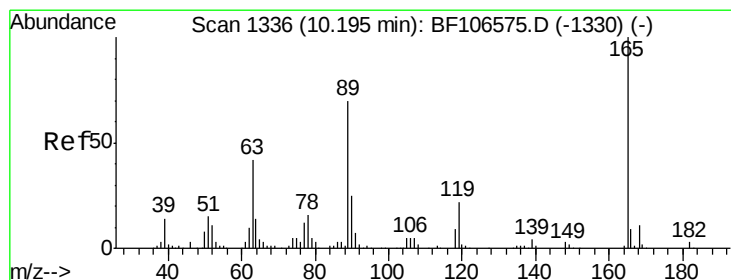
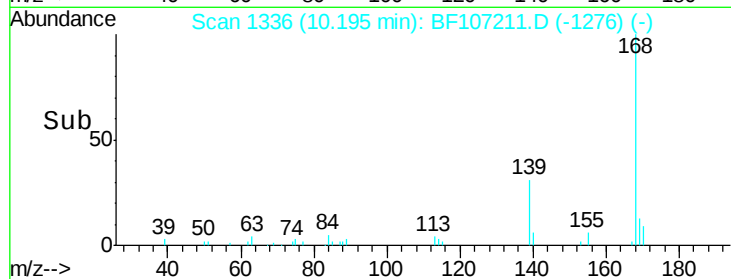
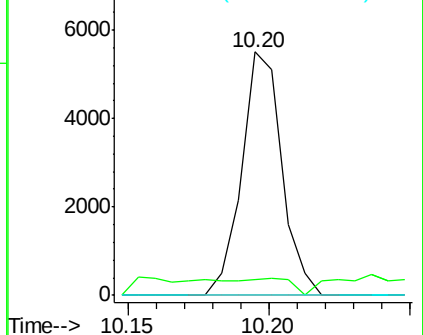
#55
4-Nitrophenol
Concen: 4.656 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-2

Tgt Ion:139 Resp: 5426
Ion Ratio Lower Upper
139 100
109 6.2 48.4 88.4#
65 0.0 72.6 112.6#

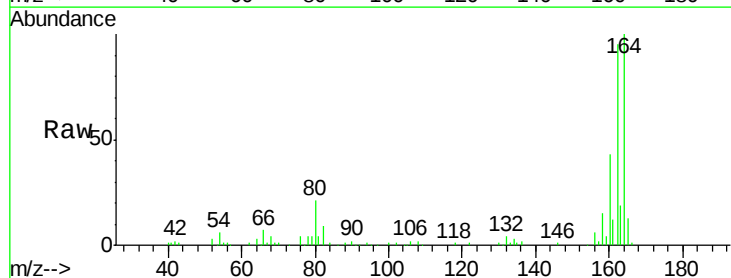


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

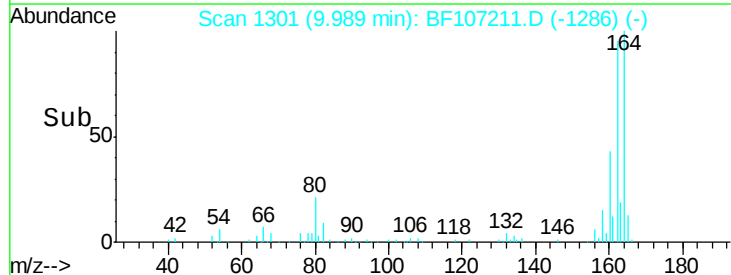
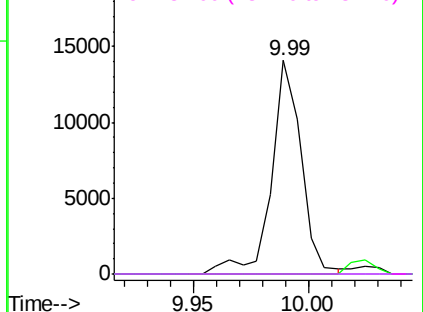


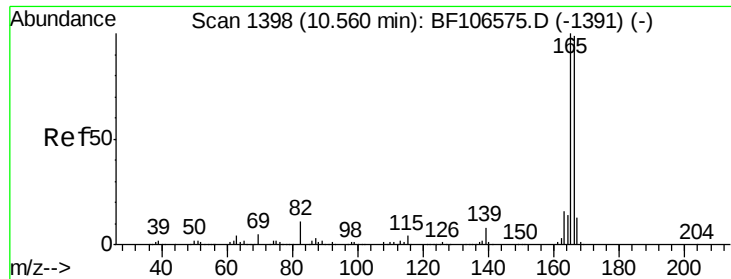
#56
2,4-Dinitrotoluene
Concen: 6.655 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Tgt Ion:165 Resp: 12603
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#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

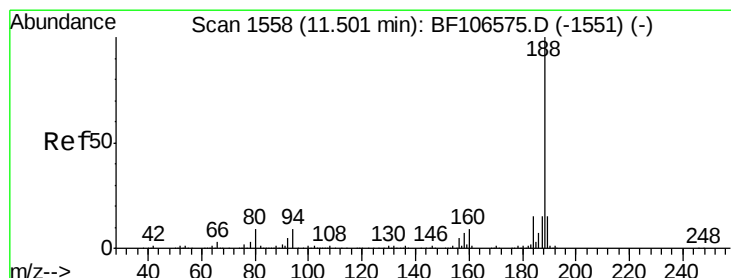
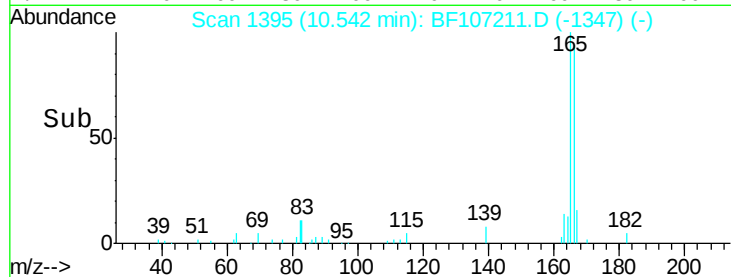
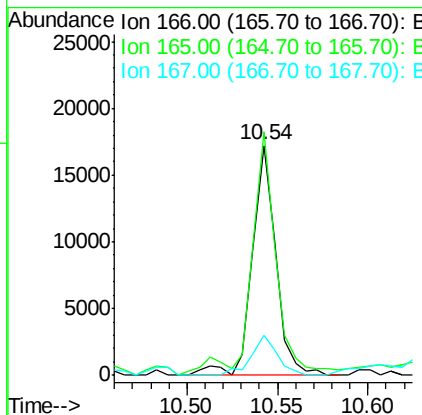
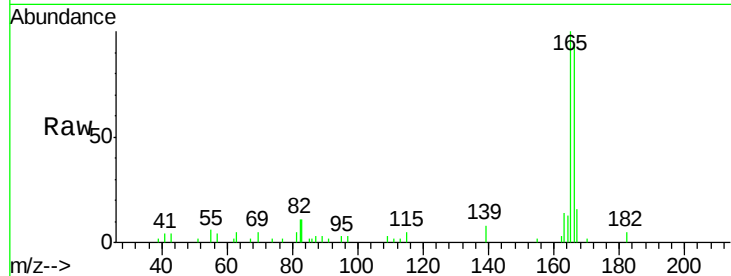




#57
Fluorene
 Concen: 2.526 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF107211.D
 Acq: 7 Jul 2018 17:20

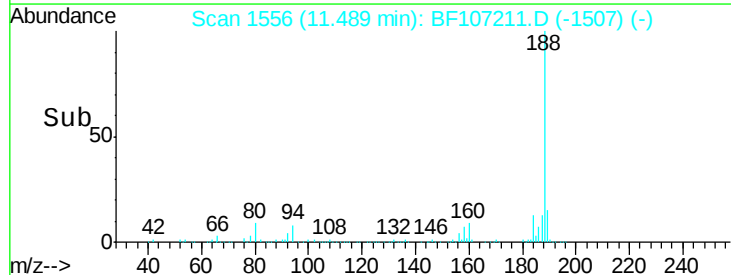
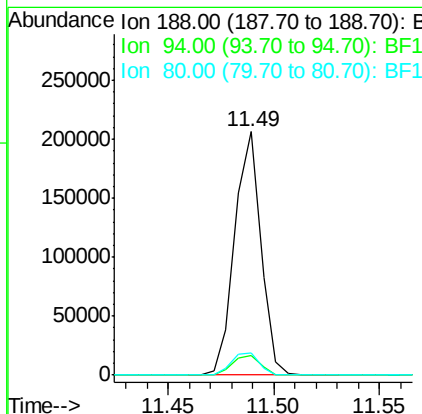
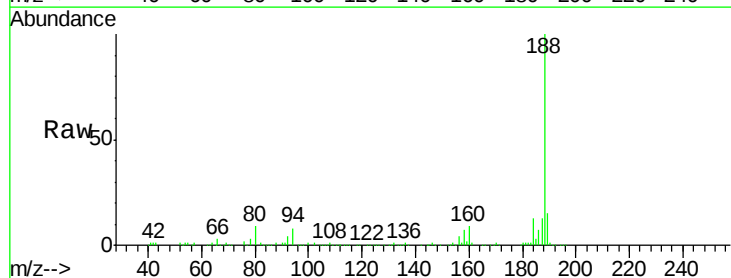
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-2

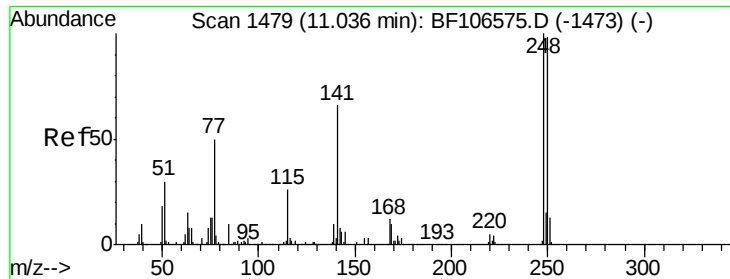
Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.0	79.8	119.8
167	17.2	10.6	16.0#



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107211.D
 Acq: 7 Jul 2018 17:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.9	9.2	13.8#

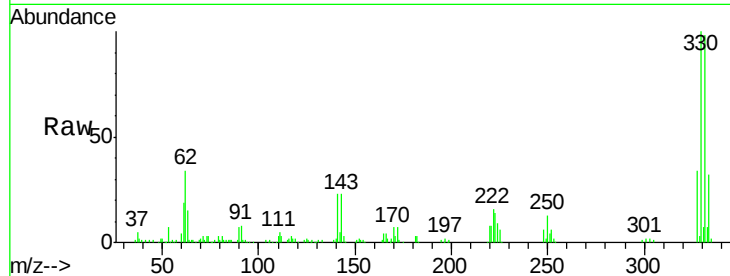




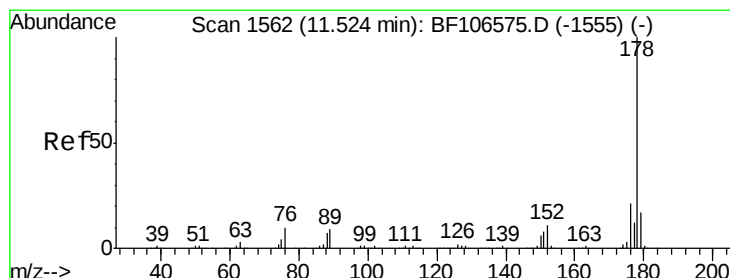
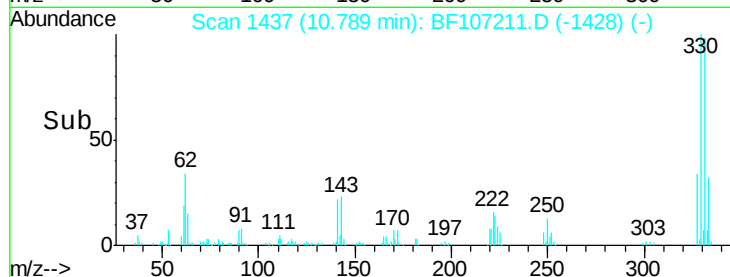
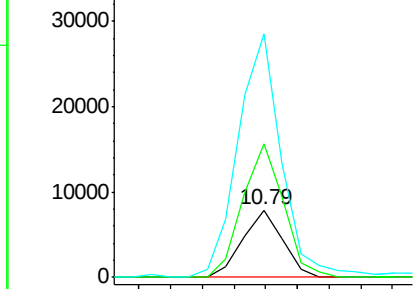
#66
 4-Bromophenyl-phenylether
 Concen: 3.246 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF107211.D
 Acq: 7 Jul 2018 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-2

Tgt Ion:248 Resp: 6846
 Ion Ratio Lower Upper
 248 100
 250 198.9 76.9 115.3#
 141 361.6 74.4 111.6#

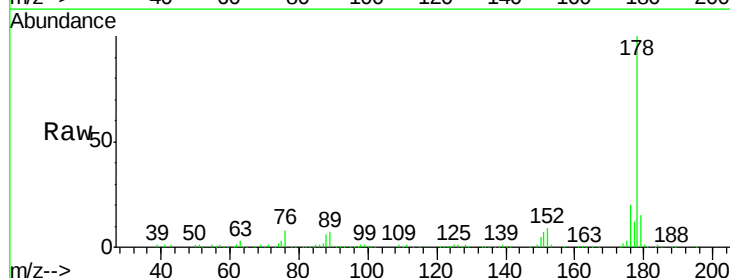


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

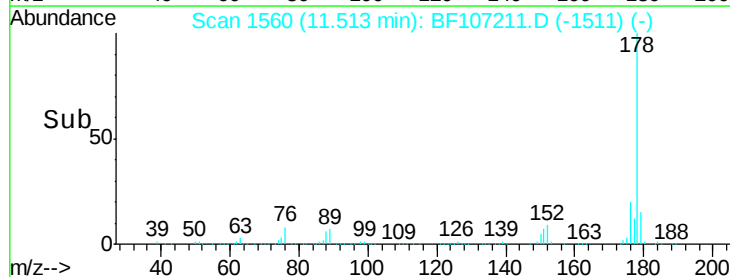
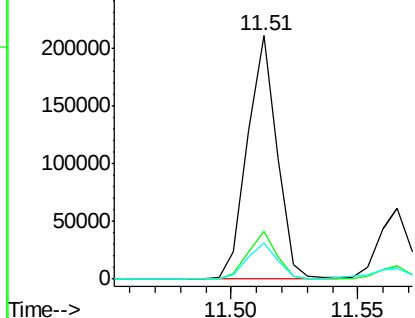


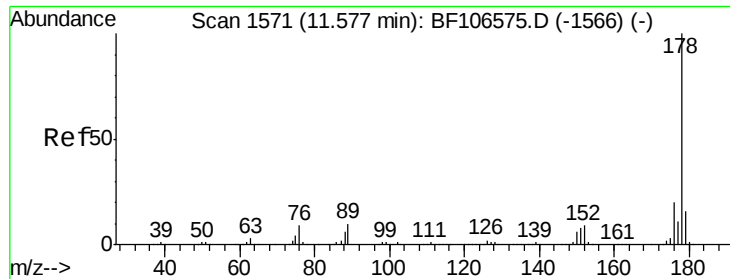
#70
 Phenanthrene
 Concen: 20.164 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107211.D
 Acq: 7 Jul 2018 17:20

Tgt Ion:178 Resp: 171870
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.0 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: 5.688 ng

RT: 11.57 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-2

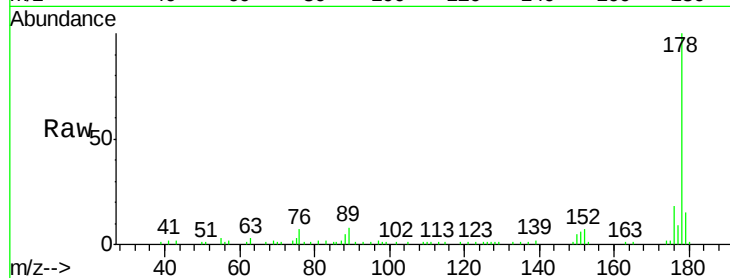
Tgt Ion:178 Resp: 49489

Ion Ratio Lower Upper

178 100

176 17.8 15.4 23.2

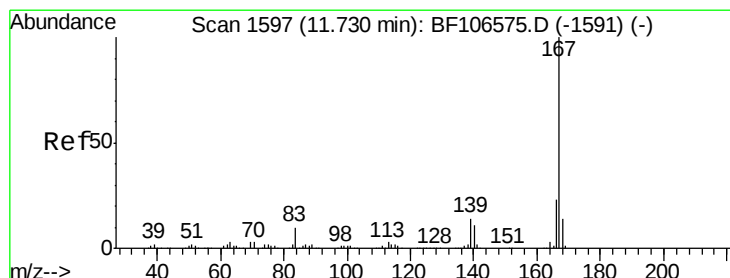
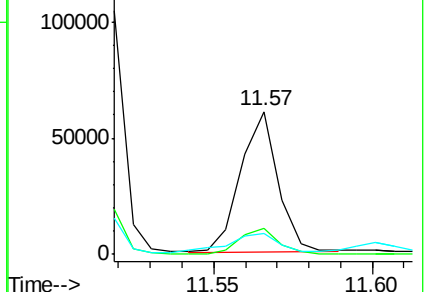
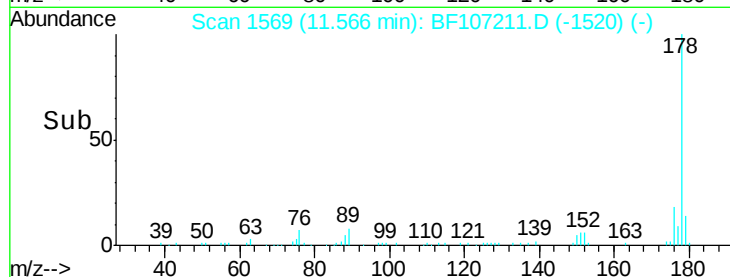
179 14.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.413 ng

RT: 11.72 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

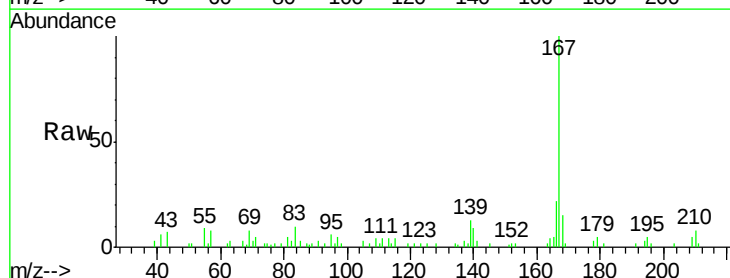
Tgt Ion:167 Resp: 19654

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

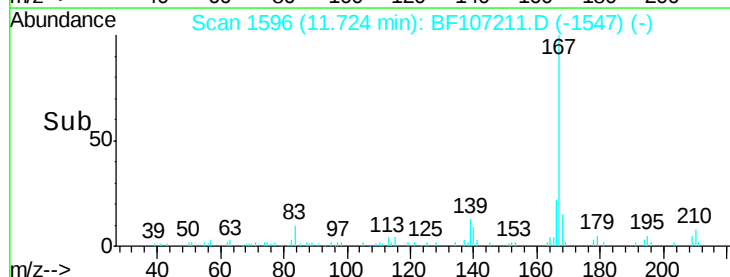
139 13.0 10.9 16.3



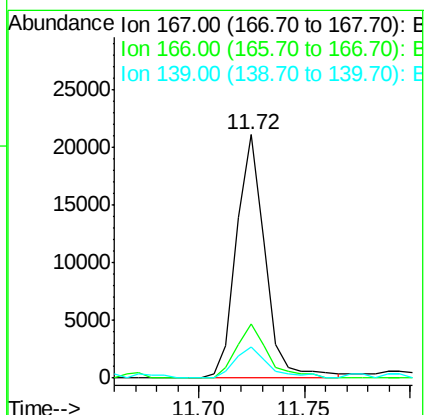
Abundance Ion 167.00 (166.70 to 167.70): E

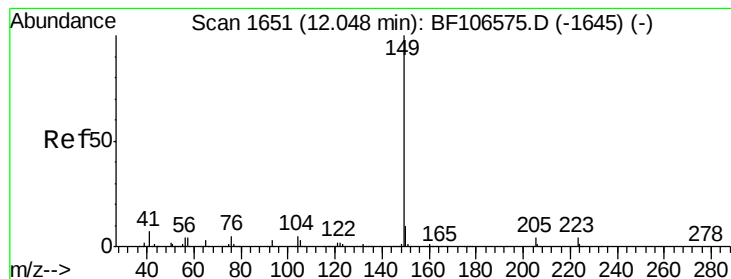
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 3.149 ng

RT: 12.03 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-2

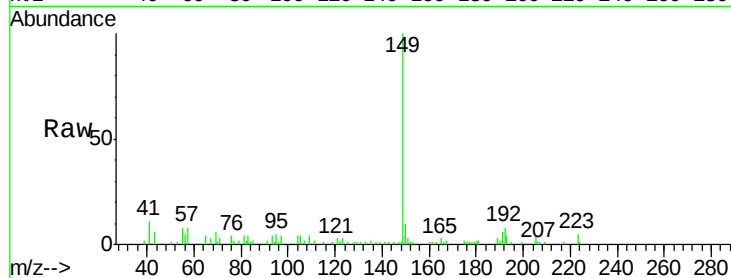
Tgt Ion:149 Resp: 30215

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

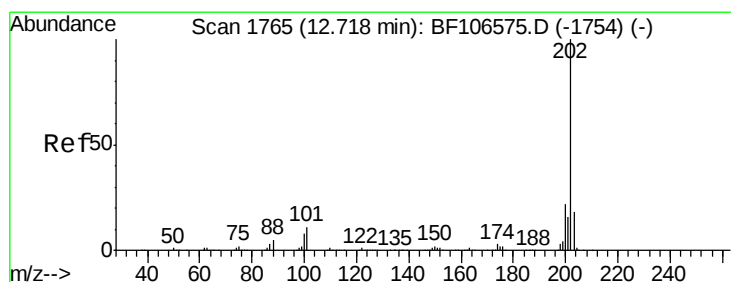
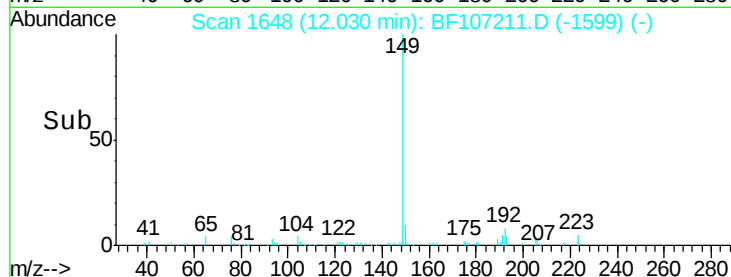
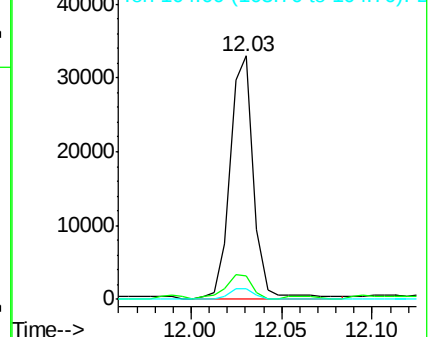
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.321 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

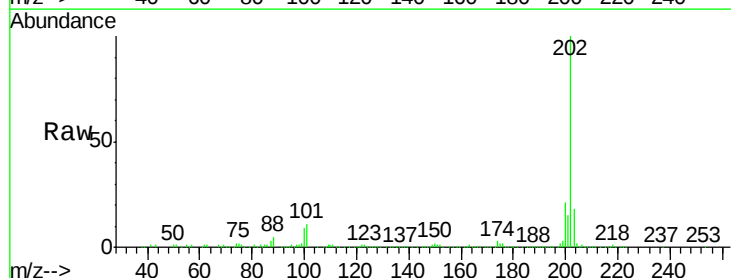
Tgt Ion:202 Resp: 294251

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.1

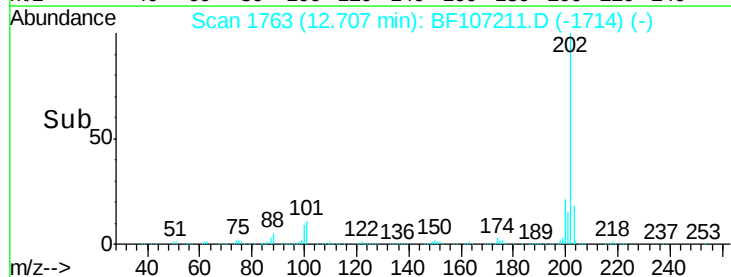
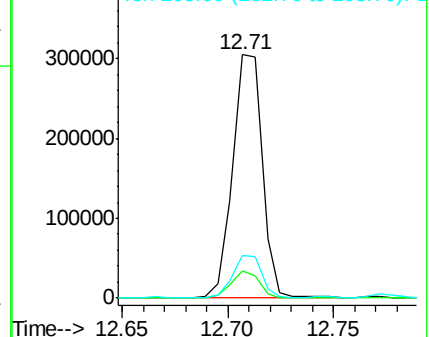
203 17.8 0.0 38.1

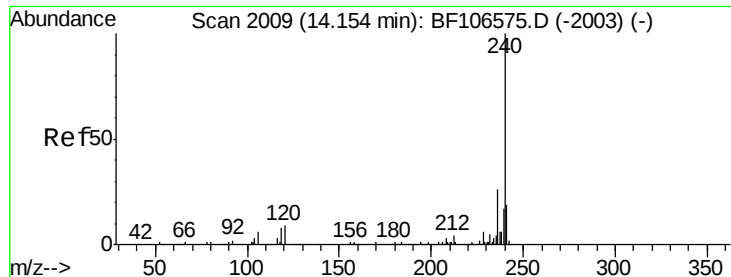


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF107211.D

Acq: 7 Jul 2018 17:20

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-2

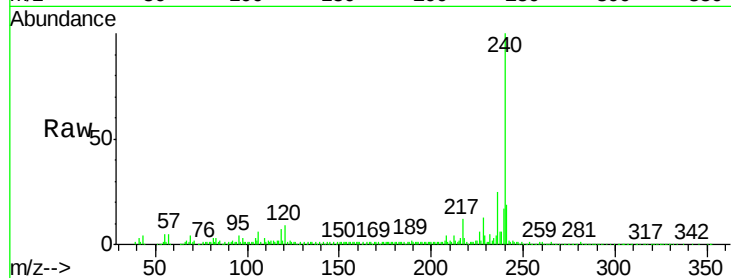
Tgt Ion:240 Resp: 145481

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

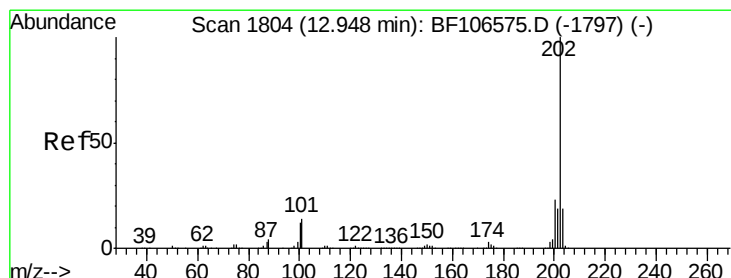
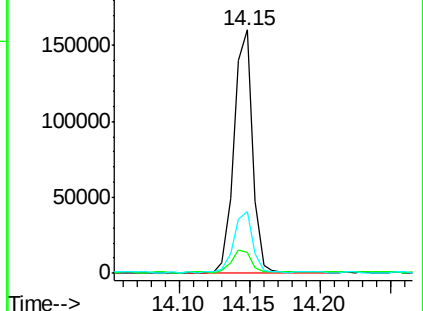
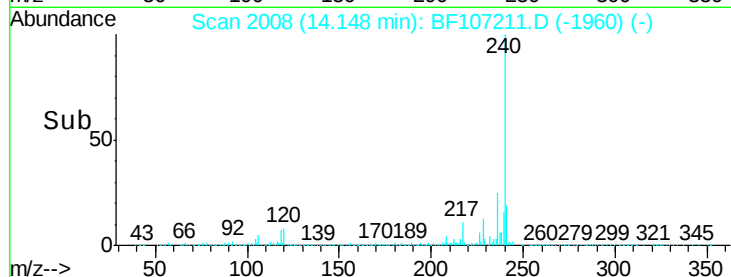
236 25.4 20.7 31.1



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: 28.288 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

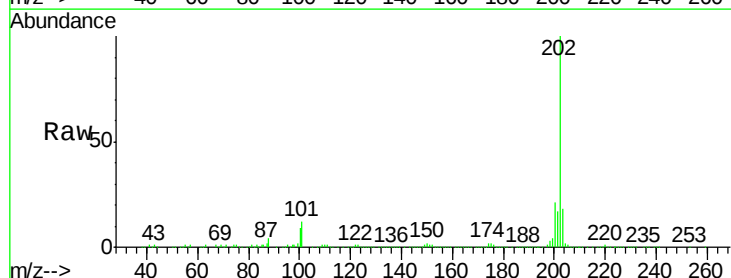
Tgt Ion:202 Resp: 271382

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

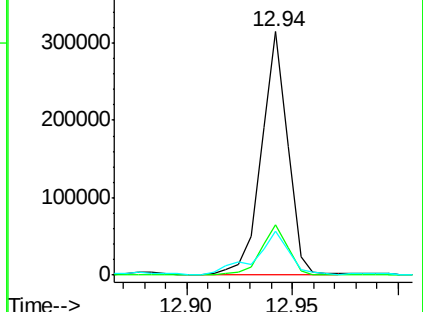
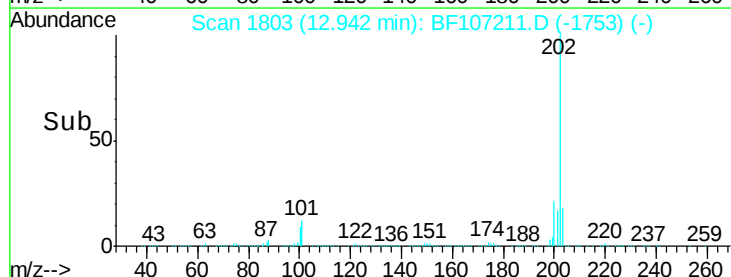
203 17.9 14.3 21.5

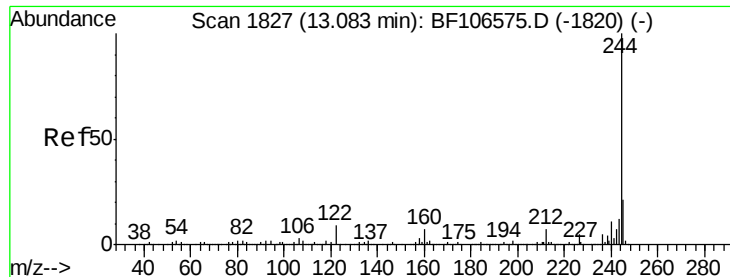


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.699 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-2

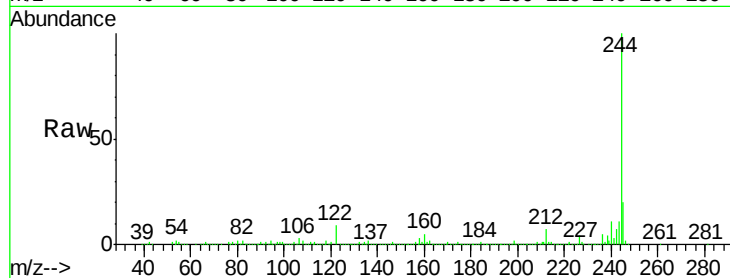
Tgt Ion:244 Resp: 538725

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

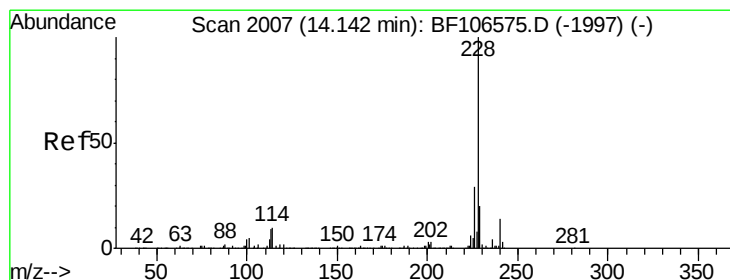
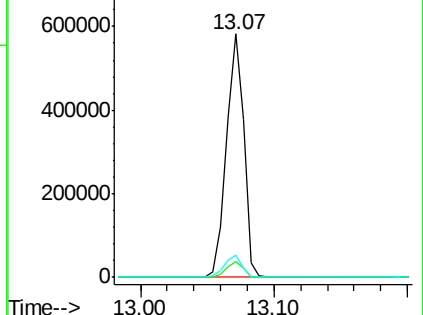
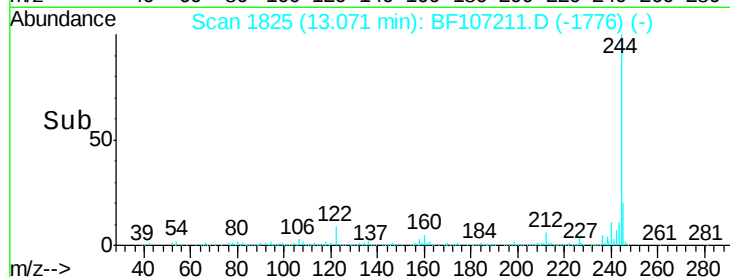
122 8.9 11.0 16.4#



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: 15.535 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

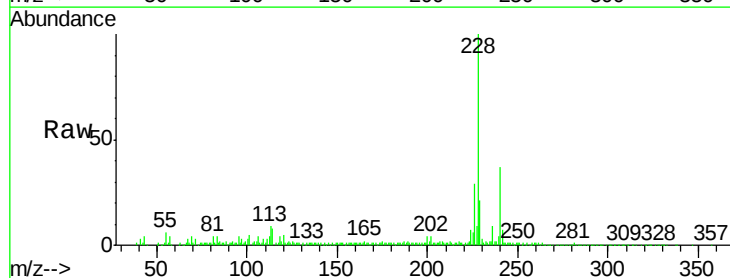
Tgt Ion:228 Resp: 137740

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

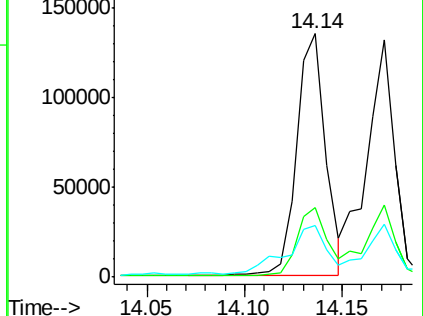
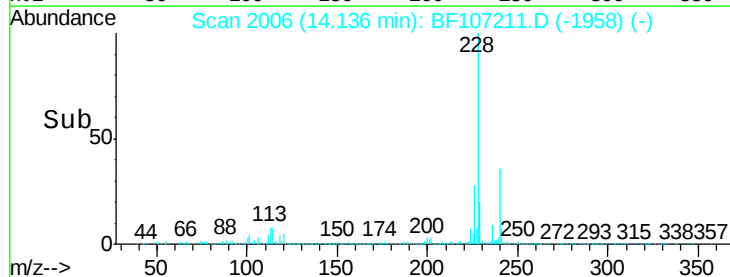
229 21.1 15.8 23.6

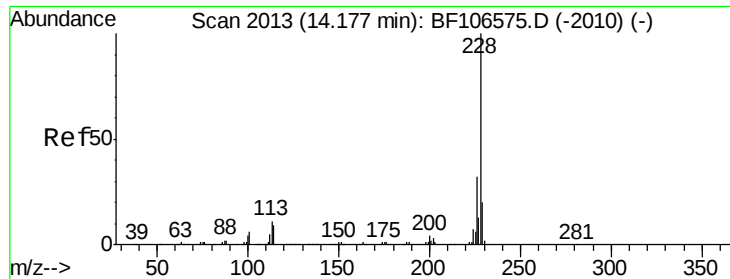


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 15.949 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-2

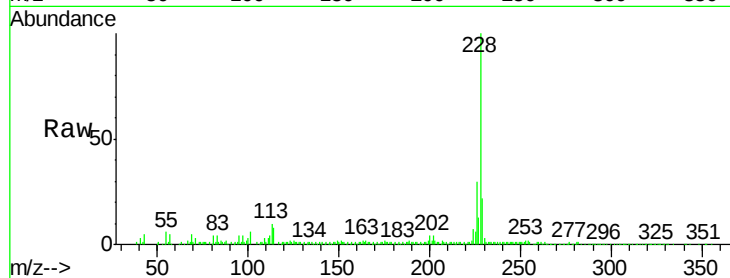
Tgt Ion:228 Resp: 130103

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

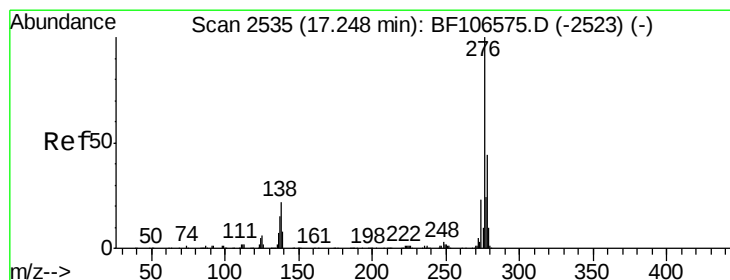
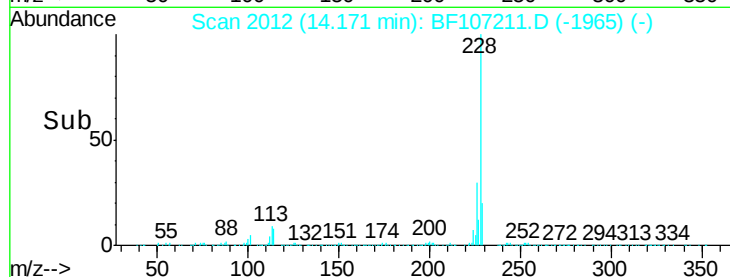
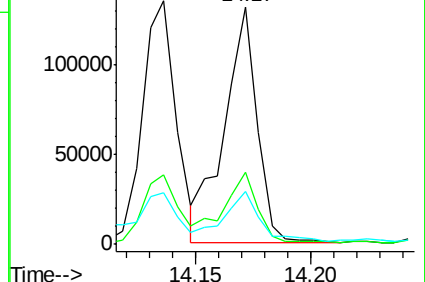
229 22.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 8.067 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.03 min

Lab File: BF107211.D

Acq: 7 Jul 2018 17:20

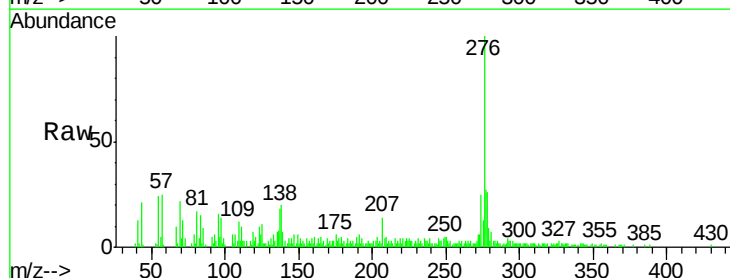
Tgt Ion:276 Resp: 55844

Ion Ratio Lower Upper

276 100

138 19.1 25.0 37.6#

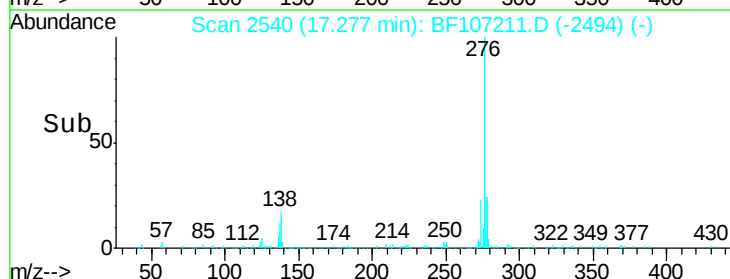
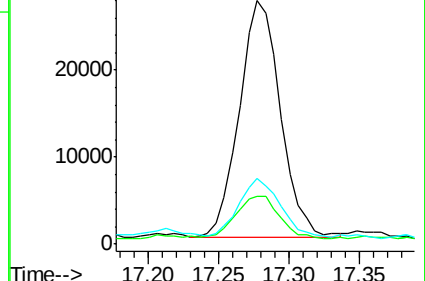
277 24.7 20.1 30.1

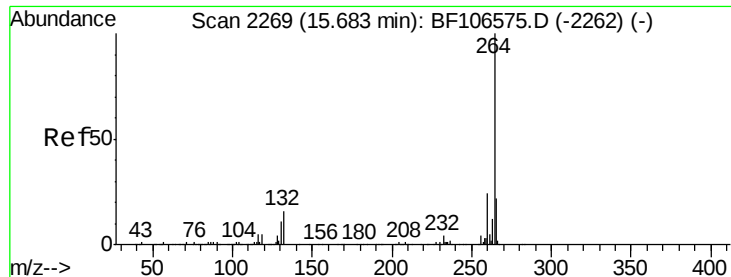


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

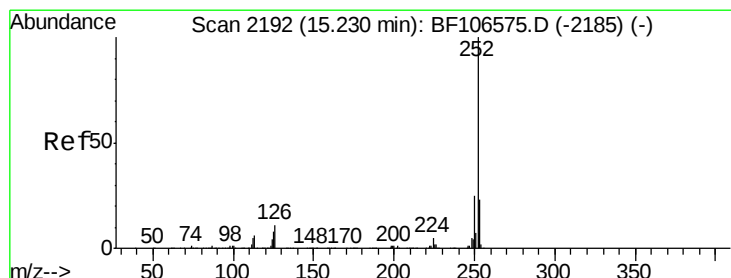
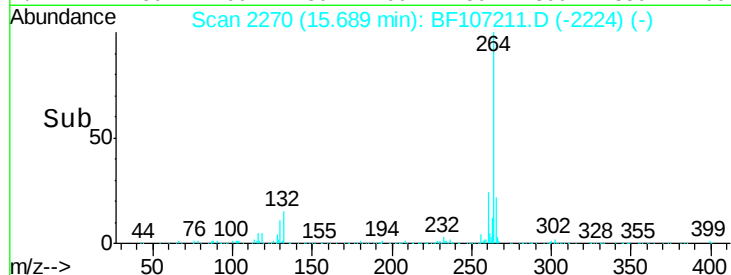
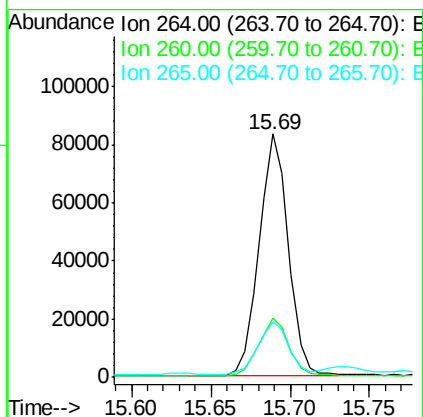
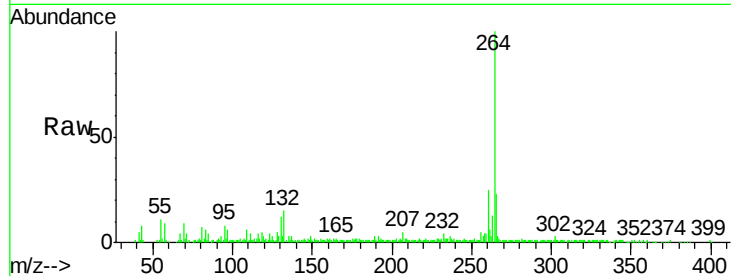




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

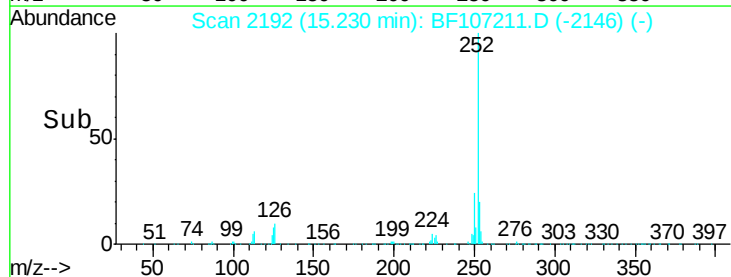
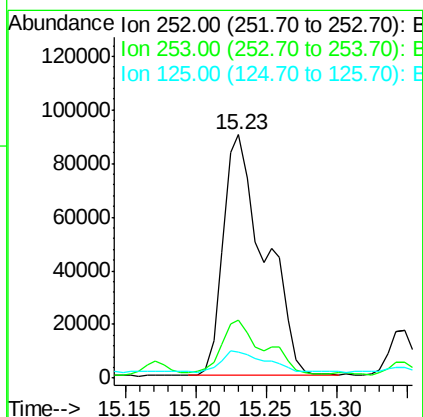
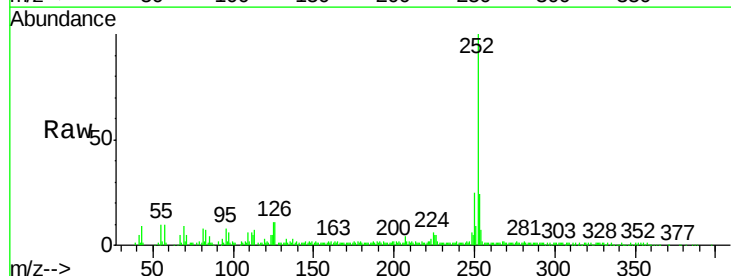
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-2

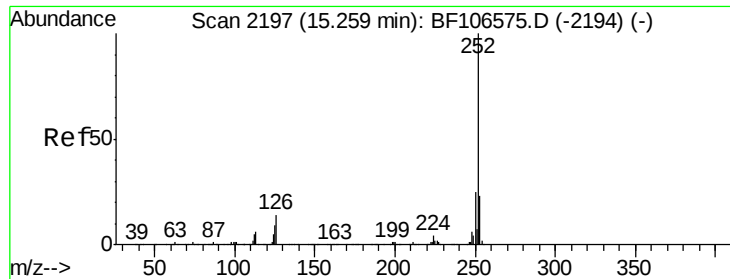
Tgt Ion:264 Resp: 106891
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 22.8 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 27.671 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Tgt Ion:252 Resp: 183734
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.6
125 10.6 9.0 13.6

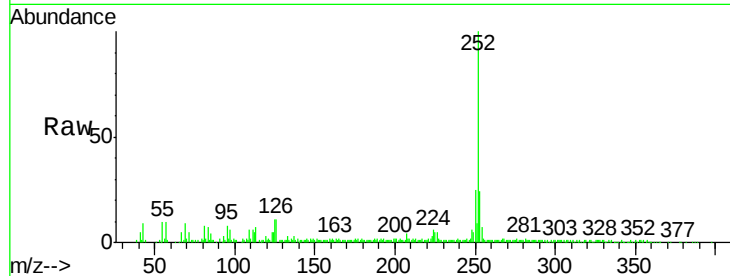




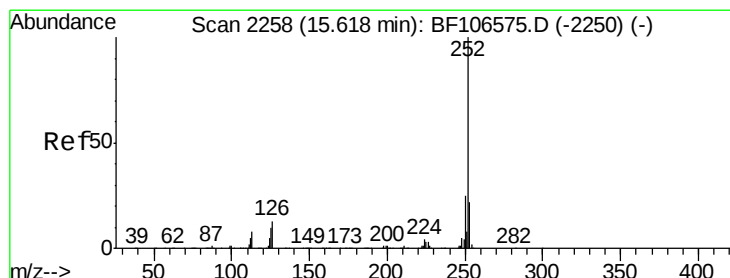
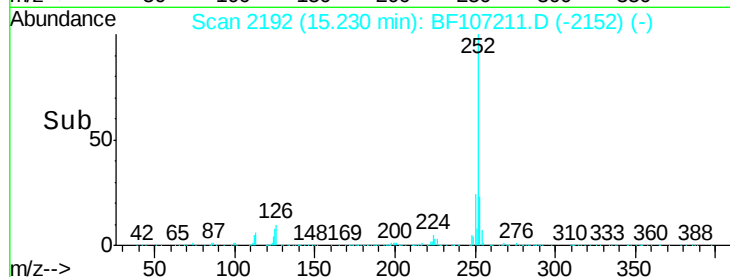
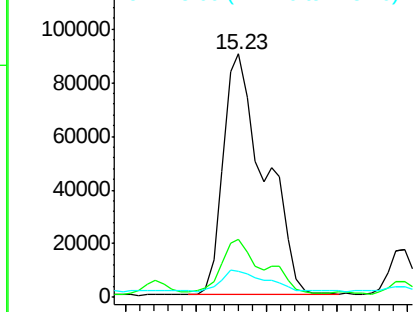
#88
Benzo(k)fluoranthene
Concen: 29.057 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.06 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-2

Tgt Ion: 252 Resp: 183734
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 10.6 10.2 15.2

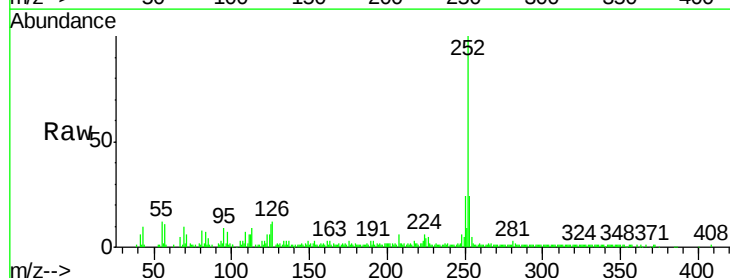


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

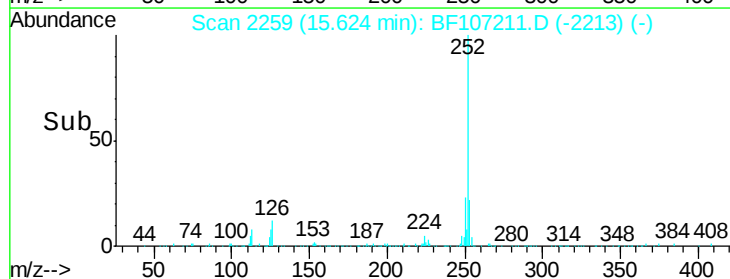
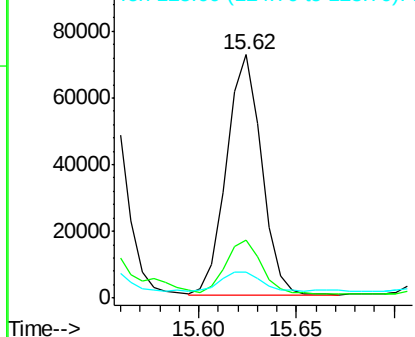


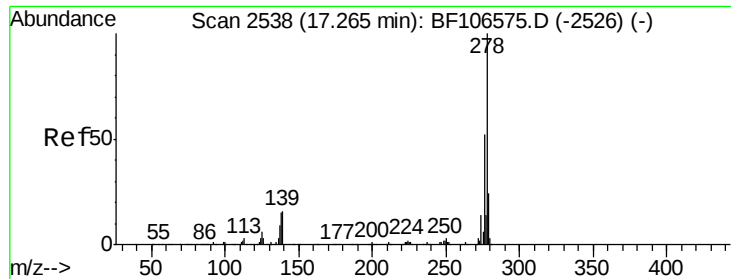
#89
Benzo(a)pyrene
Concen: 15.261 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Tgt Ion: 252 Resp: 90081
Ion Ratio Lower Upper
252 100
253 23.9 17.1 25.7
125 10.9 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

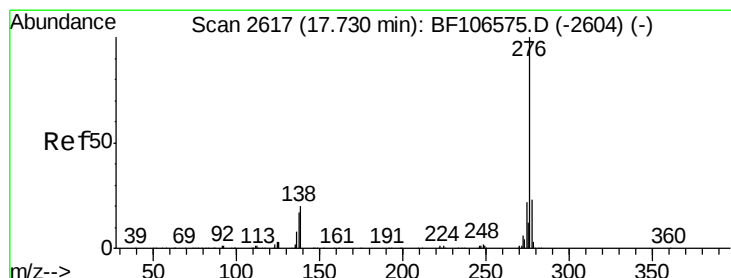
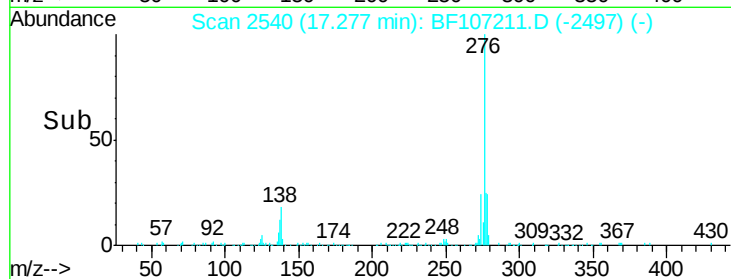
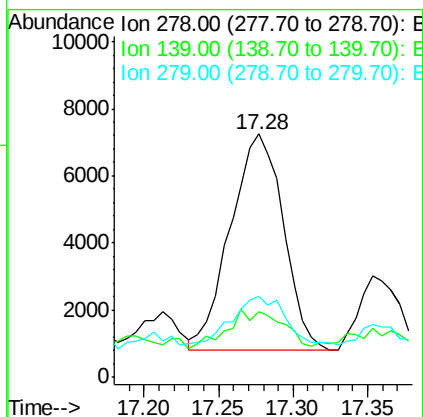
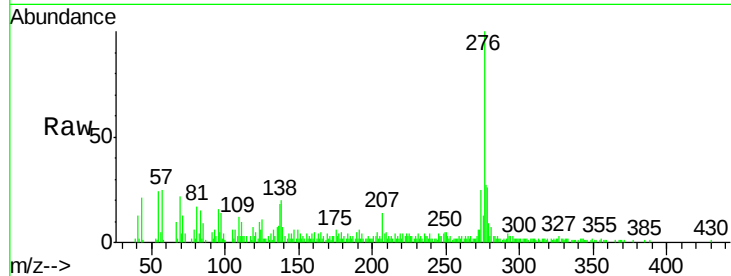




#90
Dibenzo(a,h)anthracene
Concen: 3.174 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.05 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-2

Tgt Ion: 278 Resp: 15878
Ion Ratio Lower Upper
278 100
139 26.9 15.9 23.9#
279 33.3 19.0 28.4#



#91
Benzo(g,h,i)perylene
Concen: 11.379 ng
RT: 17.77 min Scan# 2623
Delta R.T. -0.02 min
Lab File: BF107211.D
Acq: 7 Jul 2018 17:20

Tgt Ion: 276 Resp: 55639
Ion Ratio Lower Upper
276 100
277 27.3 17.9 26.9#
138 19.9 21.8 32.8#

