

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107241.D
 Acq On : 9 Jul 2018 20:48
 Operator : JU/SJ
 Sample : J3879-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8

Quant Time: Jul 10 01:09:26 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	38004	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	130795	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	61234	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	124810	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	91946	20.00	ng	-0.02
86) Perylene-d12	15.69	264	68522	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	235946	105.13	ng	0.00
7) Phenol-d6	6.60	99	281115	100.30	ng	-0.01
23) Nitrobenzene-d5	7.51	82	161417	68.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	77164	108.72	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	292100	79.85	ng	-0.02
78) Terphenyl-d14	13.08	244	372060	98.02	ng	0.00

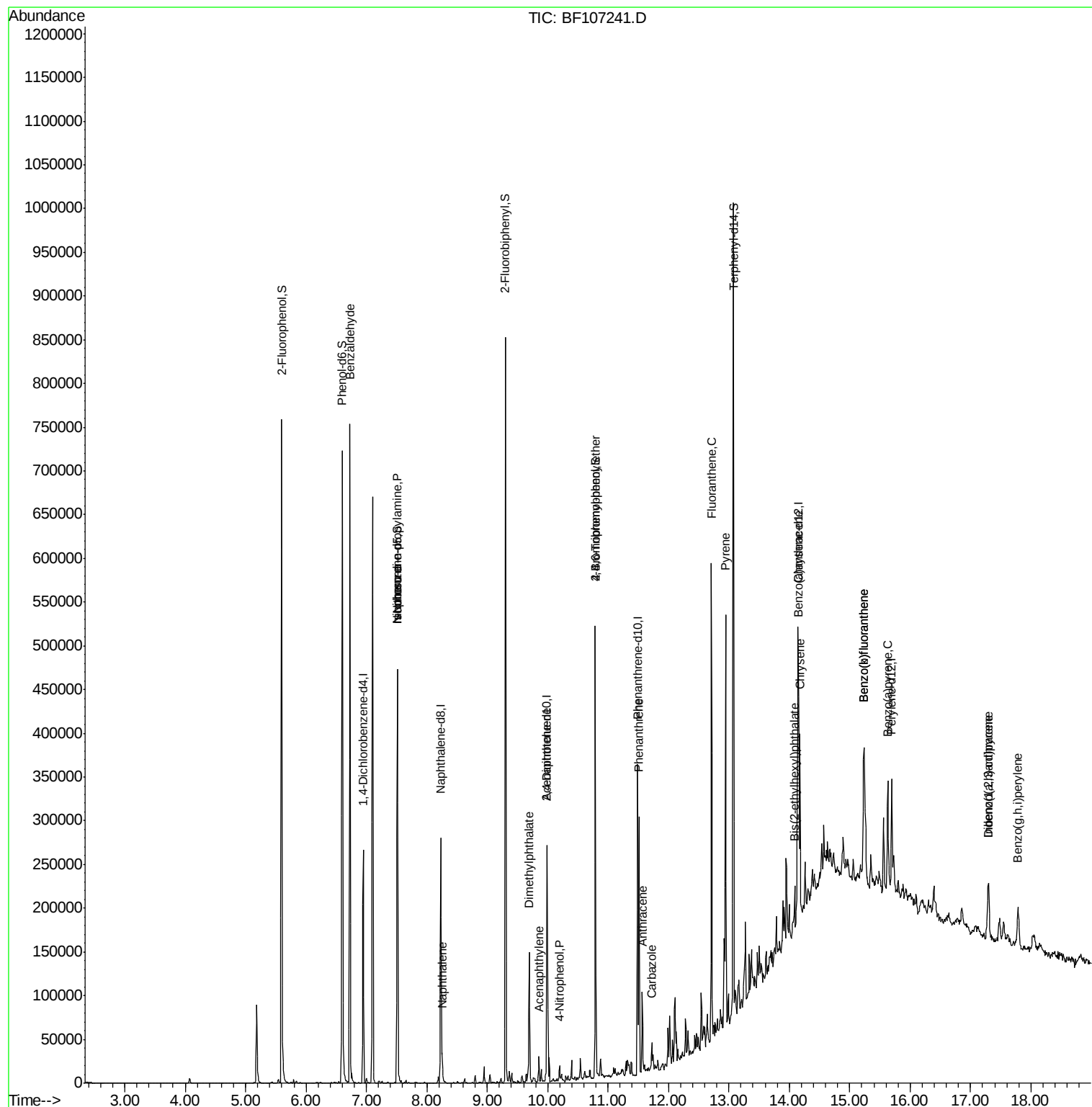
Target Compounds				Qvalue		
9) Benzaldehyde	6.72	77	4826	2.054	ng	84
19) n-Nitroso-di-n-propylamine	7.51	70	20692	11.200	ng	# 73
25) Isophorone	7.51	82	161415	38.921	ng	# 64
31) Naphthalene	8.25	128	13382	2.188	ng	98
48) Acenaphthylene	9.85	152	12962	2.137	ng	99
49) Dimethylphthalate	9.70	163	57193	12.453	ng	98
55) 4-Nitrophenol	10.20	139	2587	3.312	ng	# 9
56) 2,4-Dinitrotoluene	9.99	165	7964	6.274	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	4663	3.130	ng	# 1
70) Phenanthrene	11.51	178	105060	17.452	ng	99
71) Anthracene	11.57	178	34252	5.574	ng	99
72) Carbazole	11.72	167	12060	2.096	ng	98
74) Fluoranthene	12.71	202	220081	33.169	ng	95
77) Pyrene	12.95	202	204817	33.780	ng	99
80) Benzo(a)anthracene	14.14	228	99766	17.803	ng	99
82) Chrysene	14.18	228	89490	17.358	ng	97
83) Bis(2-ethylhexyl)phthalate	14.09	149	14370	4.509	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.29	276	43114	9.854	ng	# 86
87) Benzo(b)fluoranthene	15.24	252	127925	30.054	ng	97
88) Benzo(k)fluoranthene	15.24	252	127925	31.559	ng	98
89) Benzo(a)pyrene	15.63	252	65471	17.302	ng	96
90) Dibenzo(a,h)anthracene	17.29	278	12494	3.896	ng	# 84
91) Benzo(g,h,i)perylene	17.79	276	43024	13.726	ng	# 87

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

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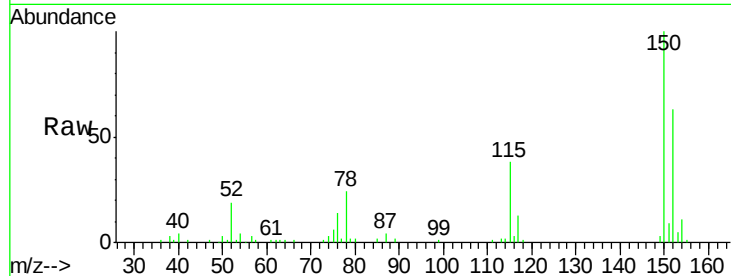


#1

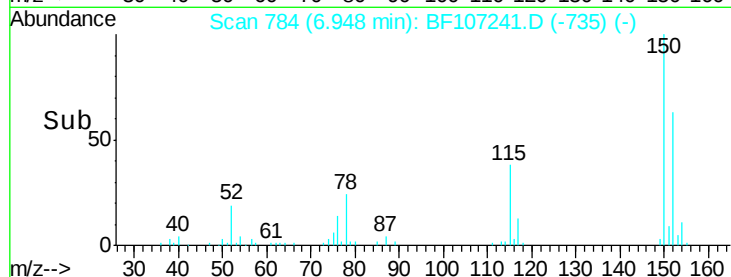
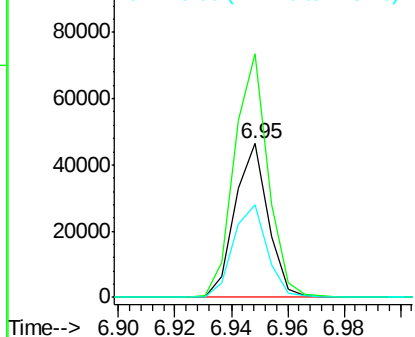
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107241.D
Acq: 9 Jul 2018 20:48

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

Tgt Ion:152 Resp: 38004
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 60.1 50.1 75.1



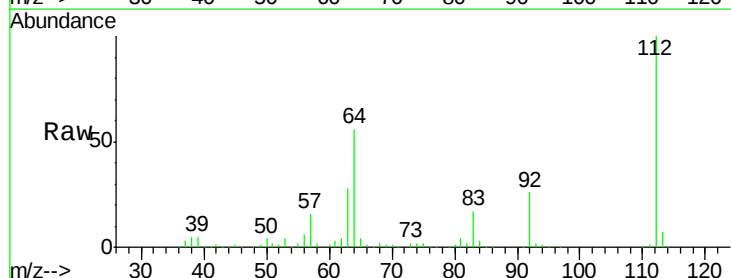
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



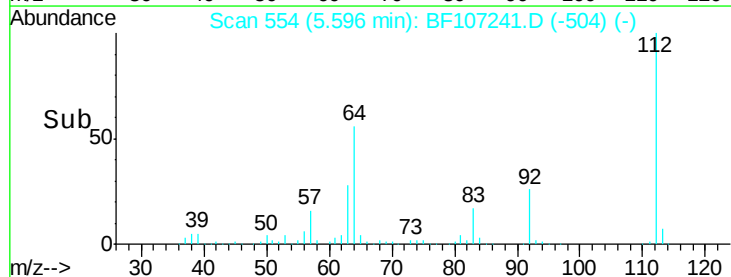
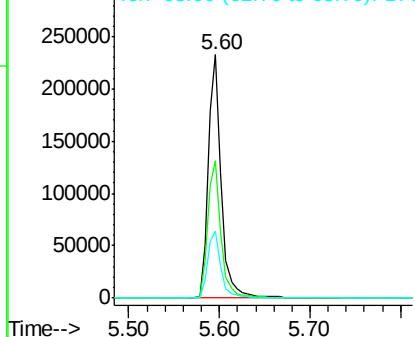
#5

2-Fluorophenol
Concen: 105.129 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107241.D
Acq: 9 Jul 2018 20:48

Tgt Ion:112 Resp: 235946
Ion Ratio Lower Upper
112 100
64 56.2 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: 100.299 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107241.D

Acq: 9 Jul 2018 20:48

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-8

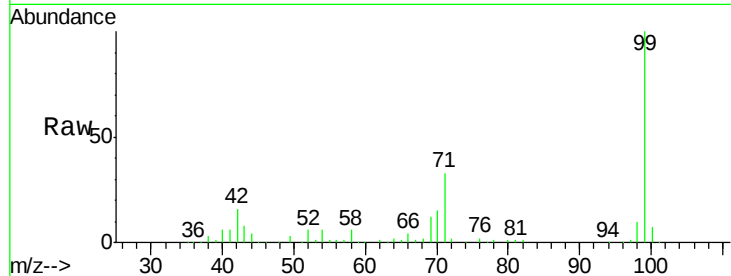
Tgt Ion: 99 Resp: 281115

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

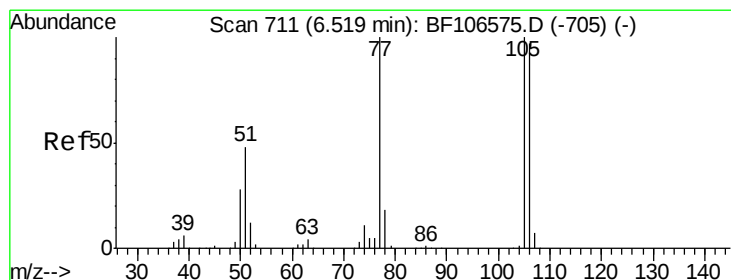
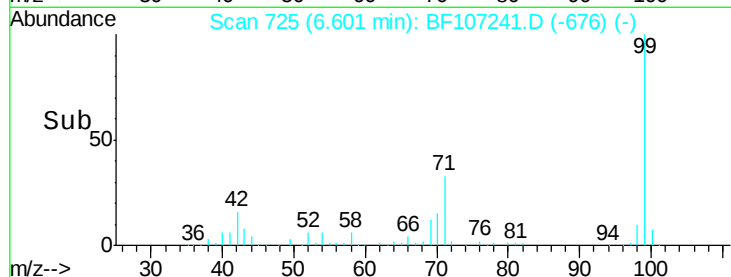
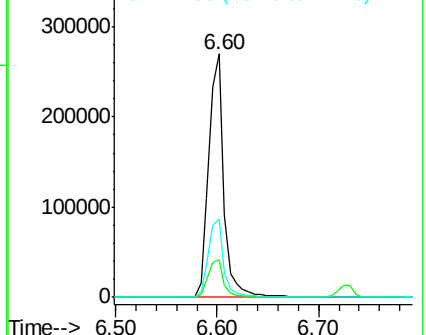
71 32.5 25.4 38.0



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: 2.054 ng

RT: 6.72 min Scan# 746

Delta R.T. 0.21 min

Lab File: BF107241.D

Acq: 9 Jul 2018 20:48

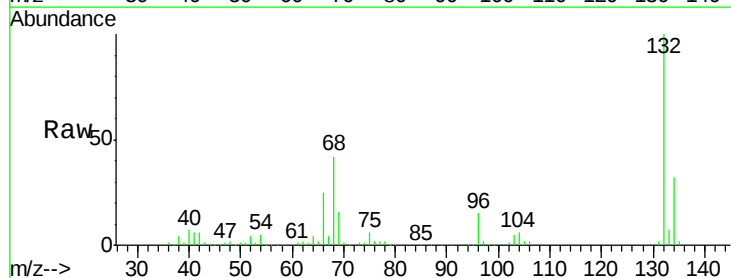
Tgt Ion: 77 Resp: 4826

Ion Ratio Lower Upper

77 100

105 82.7 81.1 121.1

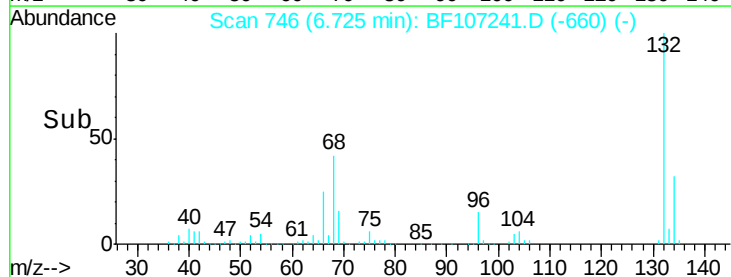
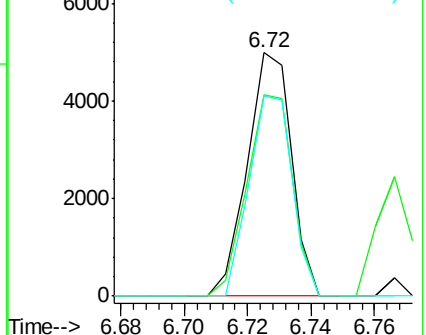
106 82.0 74.5 114.5

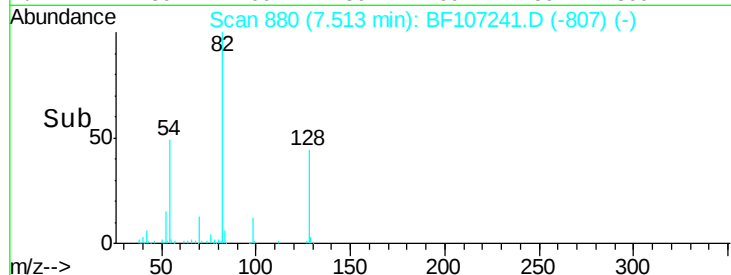
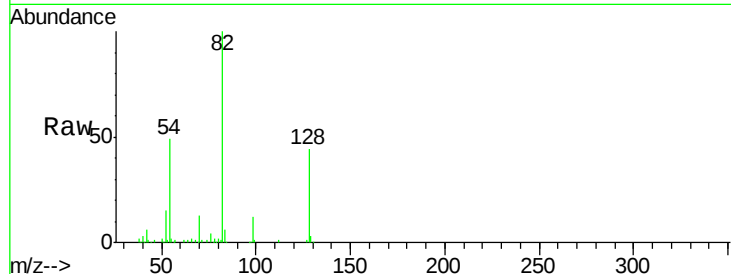


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

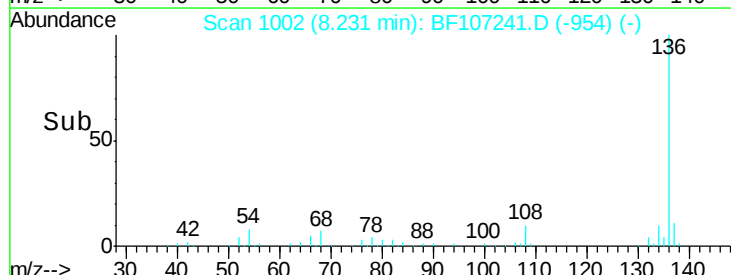
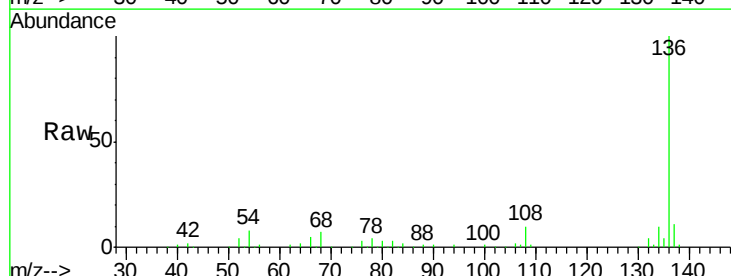
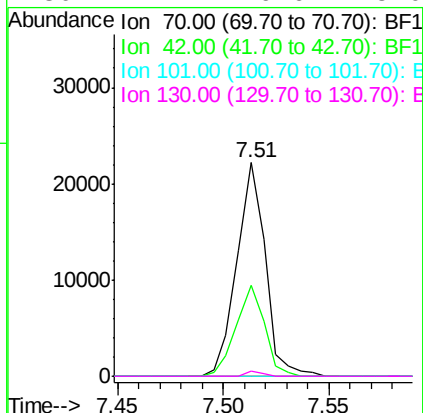




#19
n-Nitroso-di-n-propylamine
Concen: 11.200 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107241.D
Acq: 9 Jul 2018 20:48

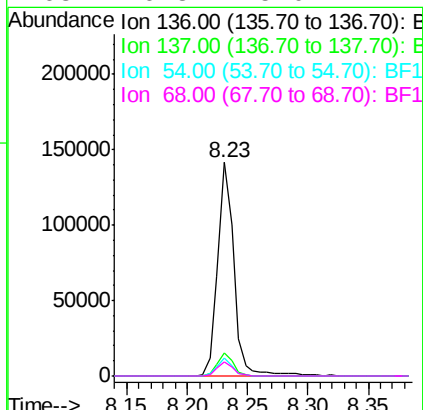
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

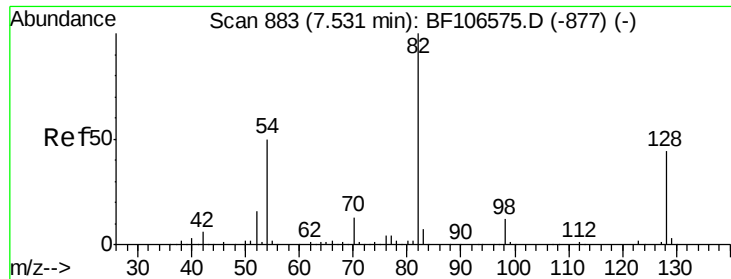
Tgt Ion:	70	Resp:	20692
Ion	Ratio	Lower	Upper
70	100		
42	42.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107241.D
Acq: 9 Jul 2018 20:48

Tgt Ion:	136	Resp:	130795
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.1	6.6	9.8
68	6.8	5.0	7.4

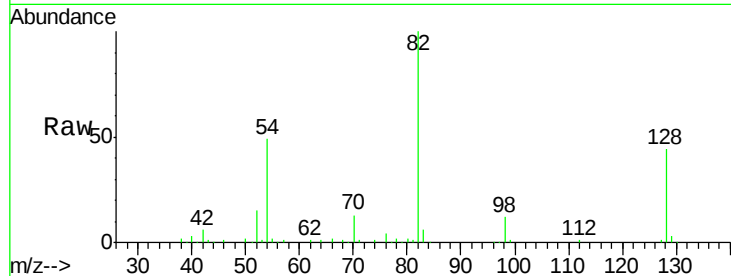




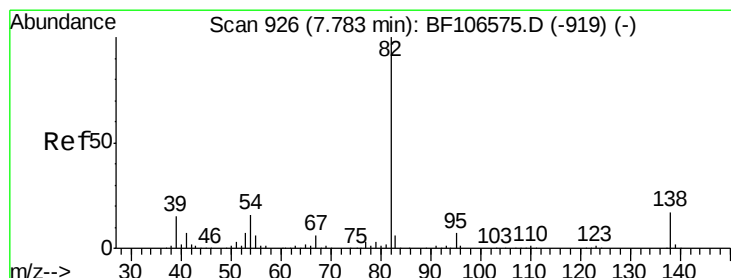
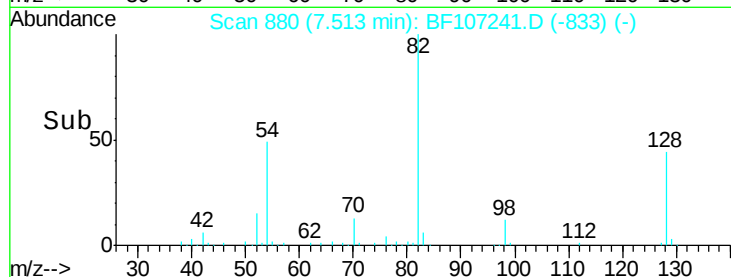
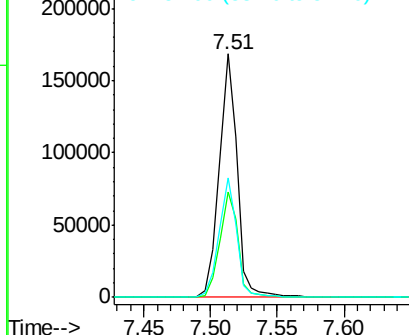
#23
 Nitrobenzene-d5
 Concen: 68.585 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107241.D
 Acq: 9 Jul 2018 20:48

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8

Tgt Ion: 82 Resp: 161417
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.1 54.1
 54 49.1 41.4 62.2

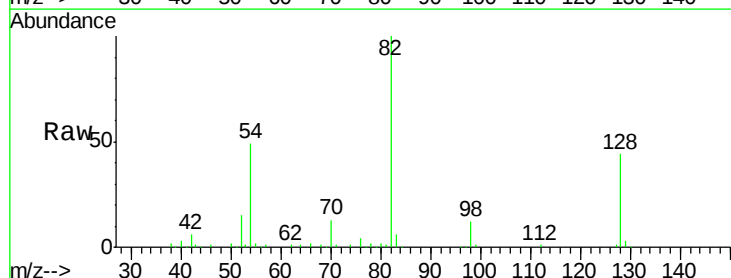


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

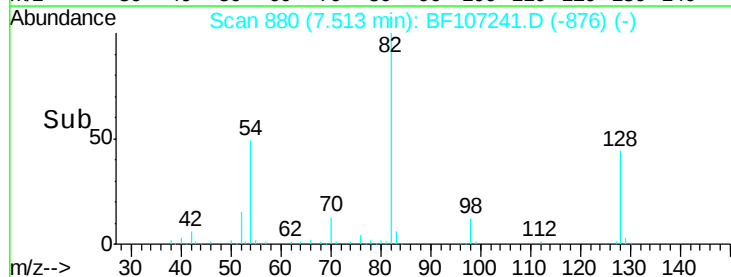
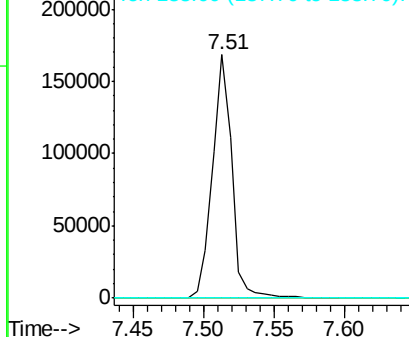


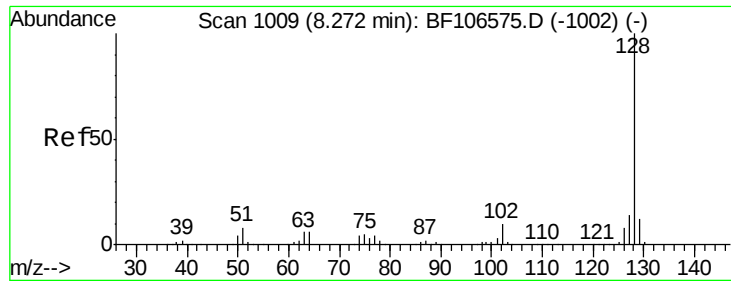
#25
 Isophorone
 Concen: 38.921 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF107241.D
 Acq: 9 Jul 2018 20:48

Tgt Ion: 82 Resp: 161415
 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

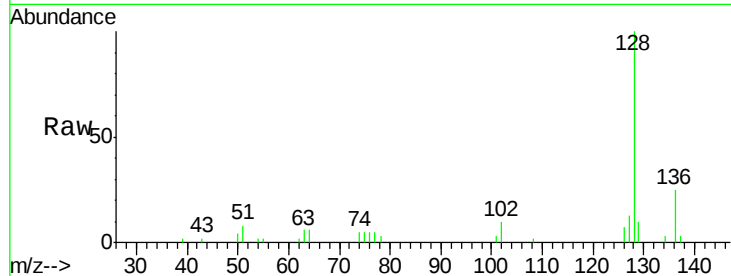




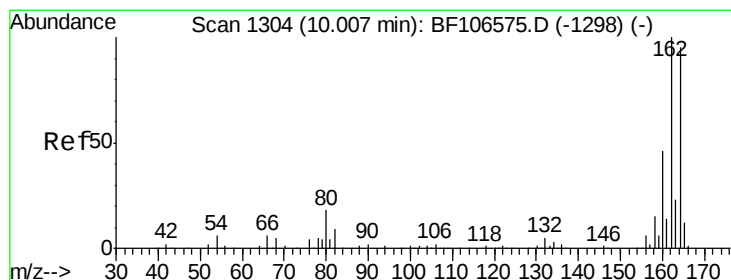
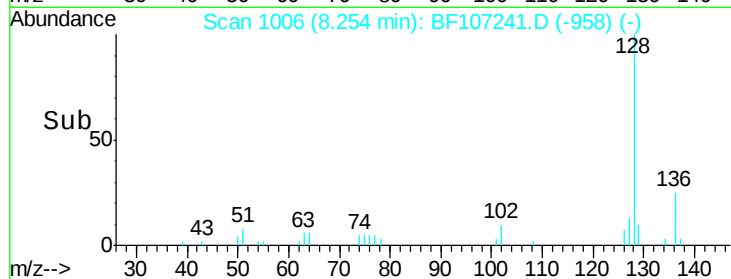
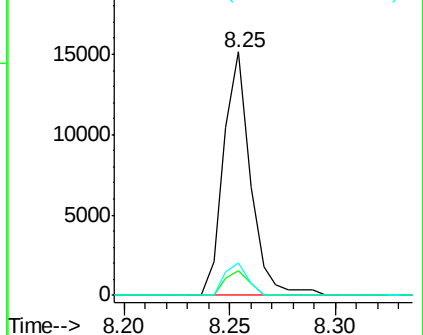
#31
Naphthalene
Concen: 2.188 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF107241.D
Acq: 9 Jul 2018 20:48

Instrument :
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SURCHARGE-SP-8

Tgt Ion:128 Resp: 13382
Ion Ratio Lower Upper
128 100
129 10.2 8.8 13.2
127 13.1 10.9 16.3

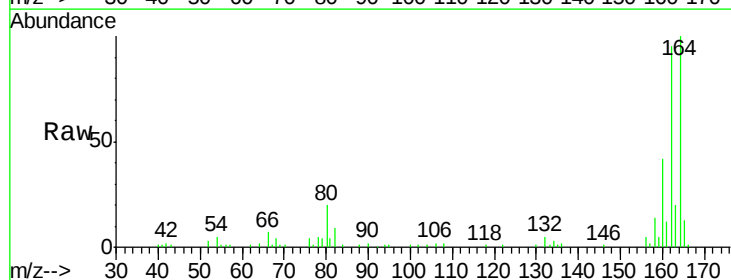


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

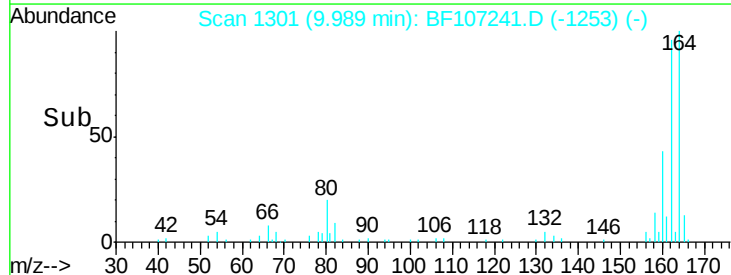
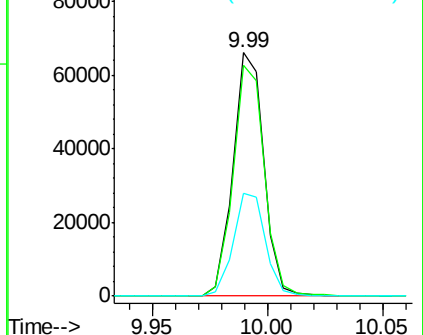


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107241.D
Acq: 9 Jul 2018 20:48

Tgt Ion:164 Resp: 61234
Ion Ratio Lower Upper
164 100
162 94.6 86.1 129.1
160 42.0 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

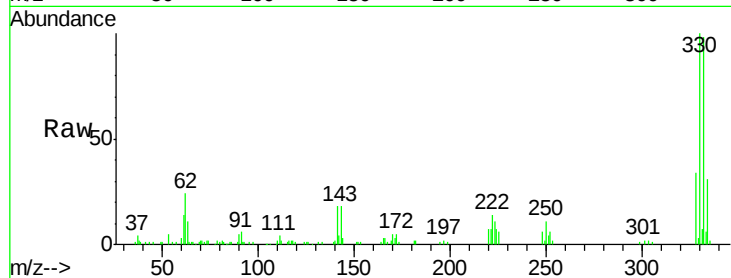




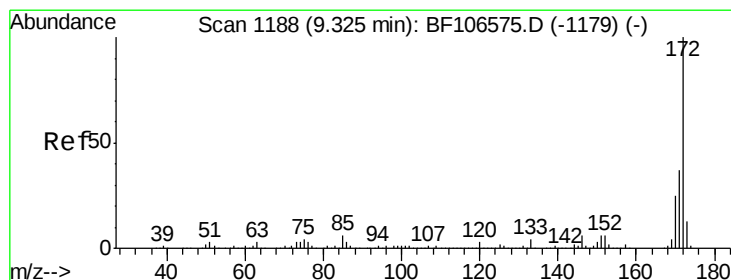
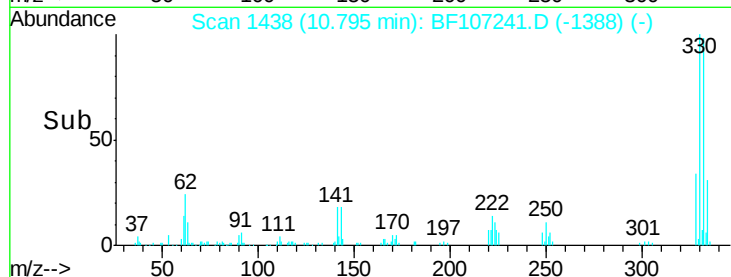
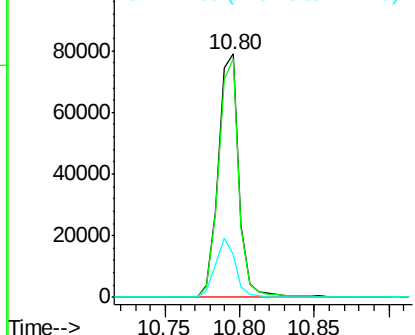
#41
 2,4,6-Tribromophenol
 Concen: 108.725 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107241.D
 Acq: 9 Jul 2018 20:48

Instrument :
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 ClientSampleId :
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Tgt Ion:330 Resp: 77164
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 23.6 29.9 44.9#

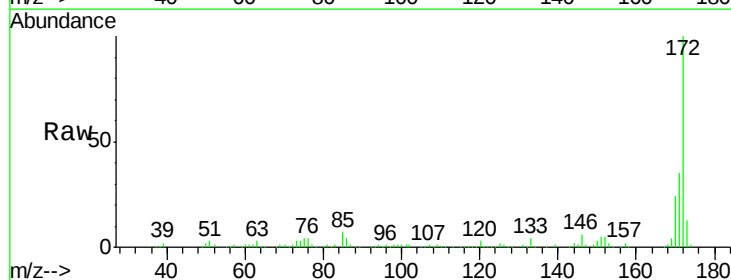


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

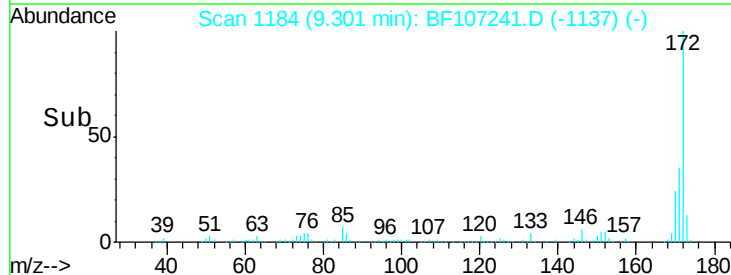
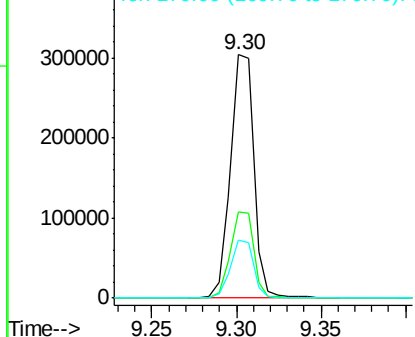


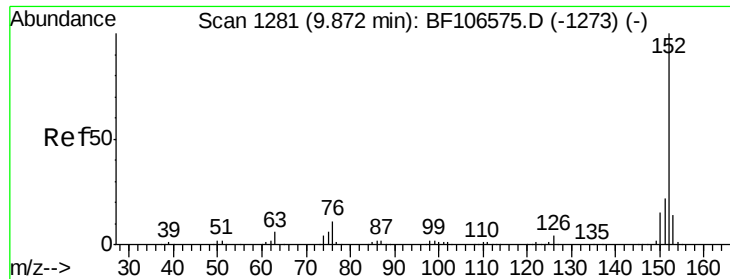
#44
 2-Fluorobiphenyl
 Concen: 79.848 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107241.D
 Acq: 9 Jul 2018 20:48

Tgt Ion:172 Resp: 292100
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 23.9 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: 2.137 ng

RT: 9.85 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF107241.D

Acq: 9 Jul 2018 20:48

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-8

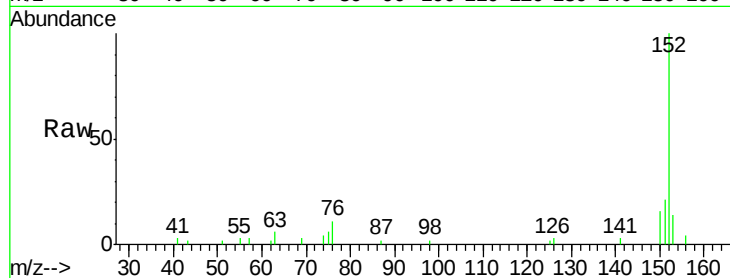
Tgt Ion:152 Resp: 12962

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

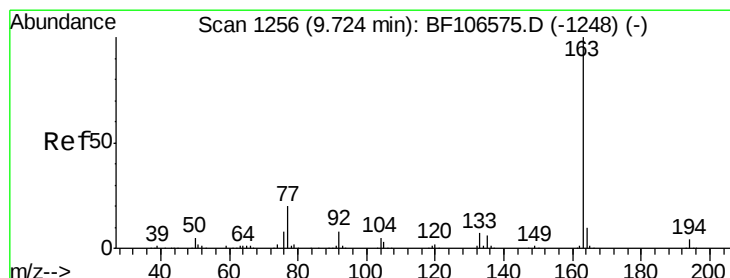
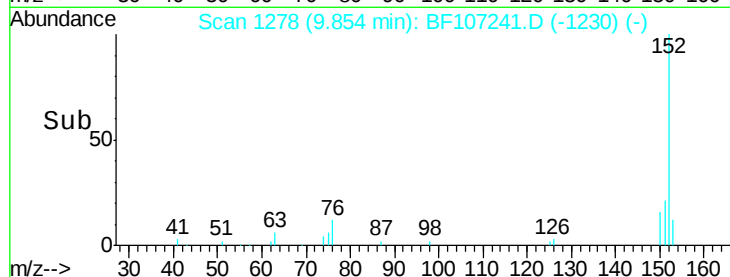
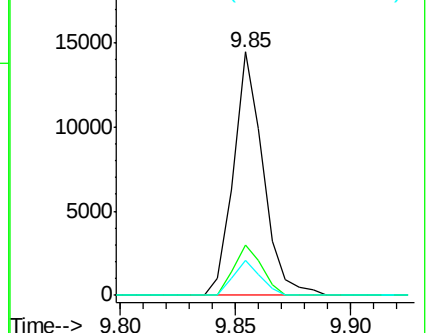
153 14.3 10.7 16.1



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: 12.453 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107241.D

Acq: 9 Jul 2018 20:48

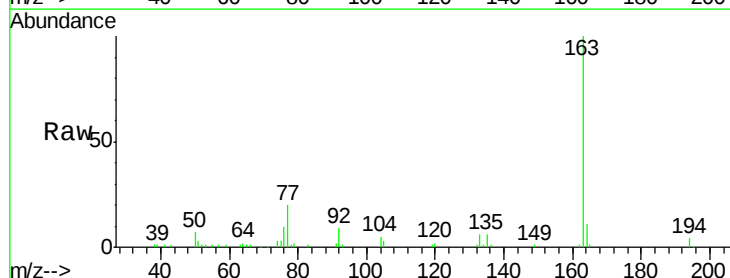
Tgt Ion:163 Resp: 57193

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

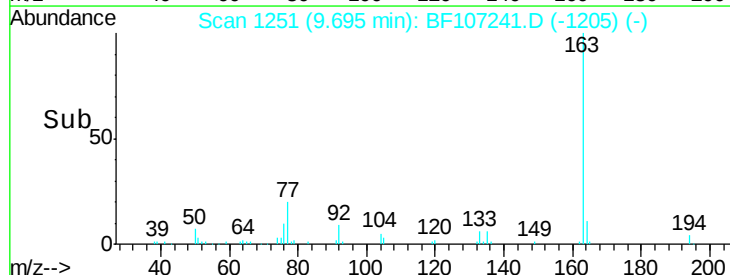
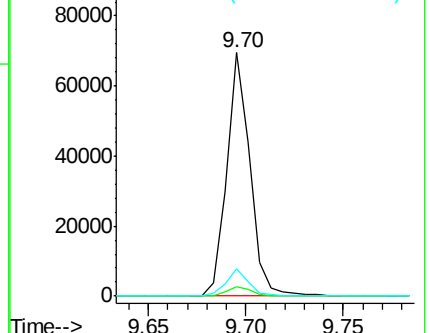
164 11.0 8.2 12.2

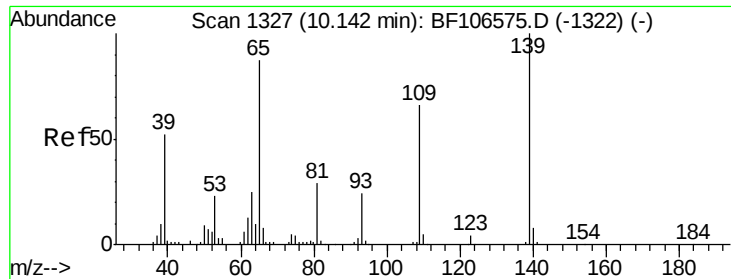


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#55

4-Nitrophenol

Concen: 3.312 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.06 min

Lab File: BF107241.D

Acq: 9 Jul 2018 20:48

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-8

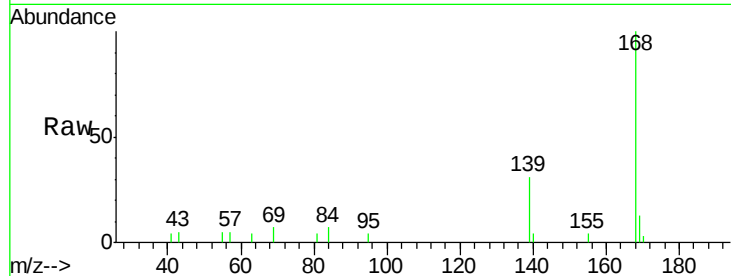
Tgt Ion:139 Resp: 2587

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

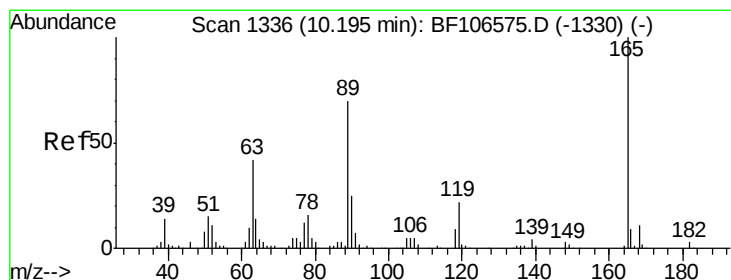
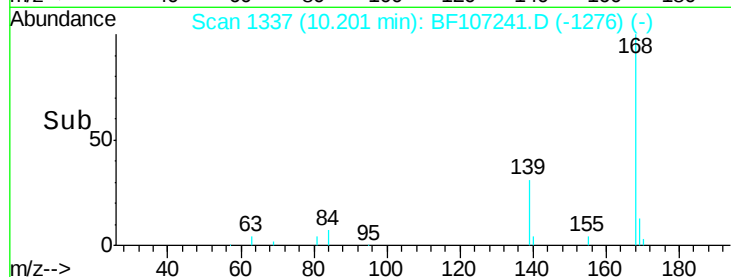
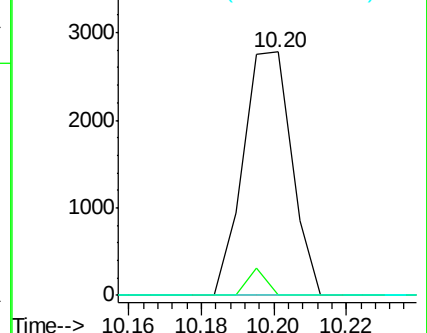
65 0.0 72.6 112.6#



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: 6.274 ng

RT: 9.99 min Scan# 1301

Delta R.T. -0.21 min

Lab File: BF107241.D

Acq: 9 Jul 2018 20:48

Tgt Ion:165 Resp: 7964

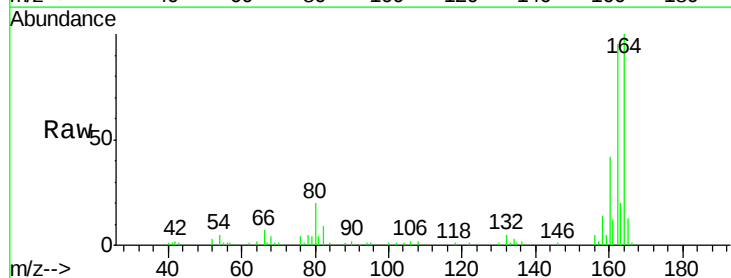
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

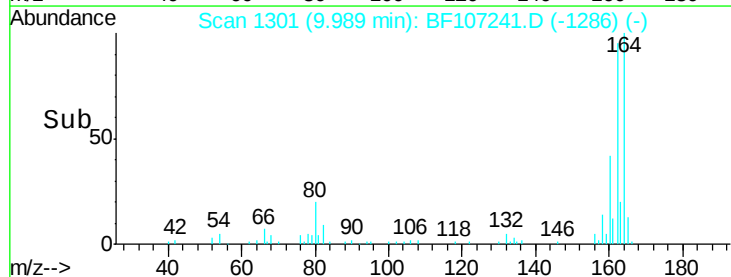
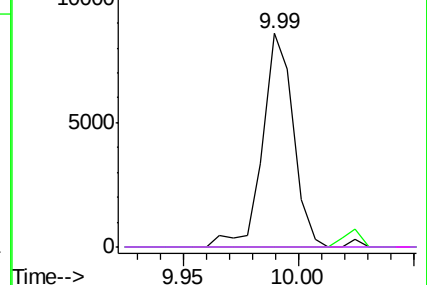


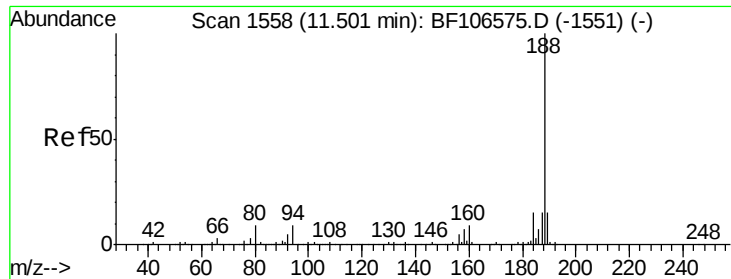
Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF107241.D

Acq: 9 Jul 2018 20:48

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-8

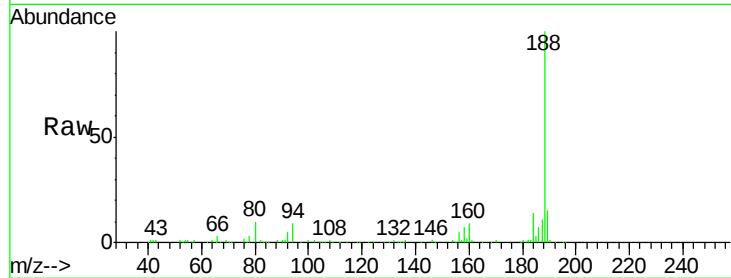
Tgt Ion:188 Resp: 124810

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

80 9.7 9.2 13.8

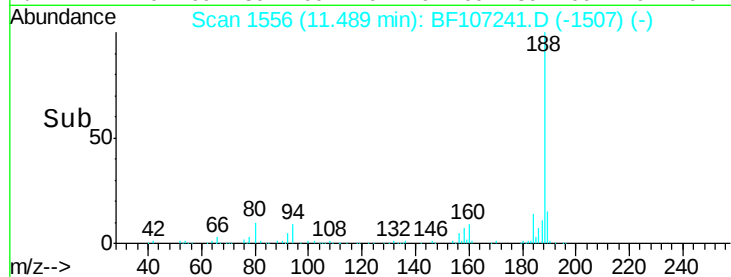


Abundance Ion 188.00 (187.70 to 188.70): E

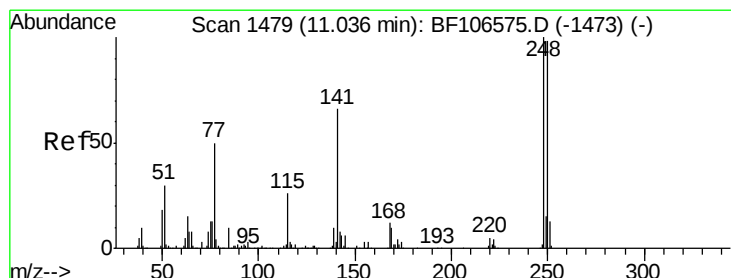
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.130 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF107241.D

Acq: 9 Jul 2018 20:48

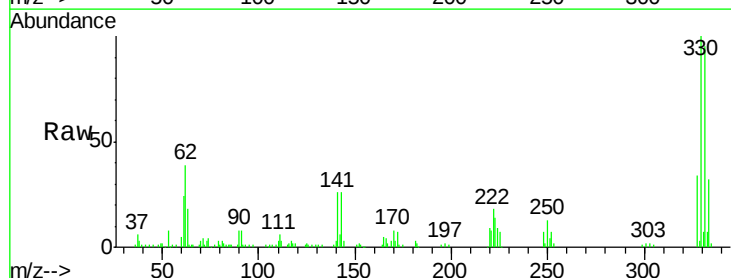
Tgt Ion:248 Resp: 4663

Ion Ratio Lower Upper

248 100

250 190.5 76.9 115.3#

141 382.4 74.4 111.6#

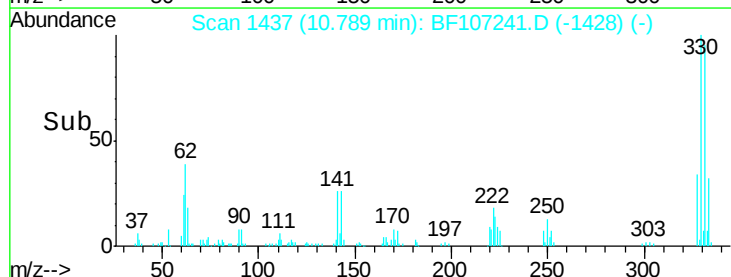


Abundance Ion 248.00 (247.70 to 248.70): E

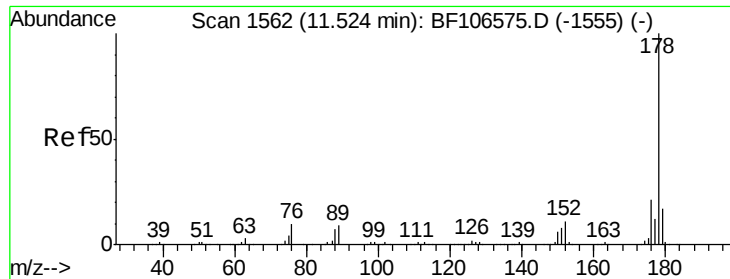
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



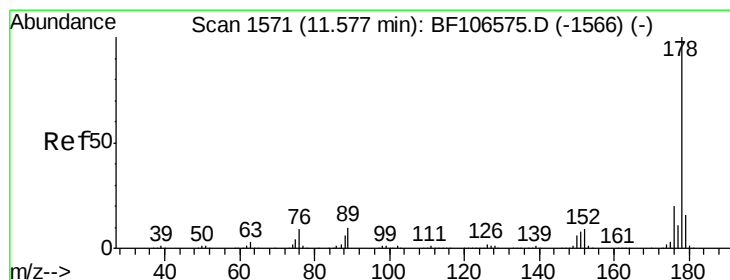
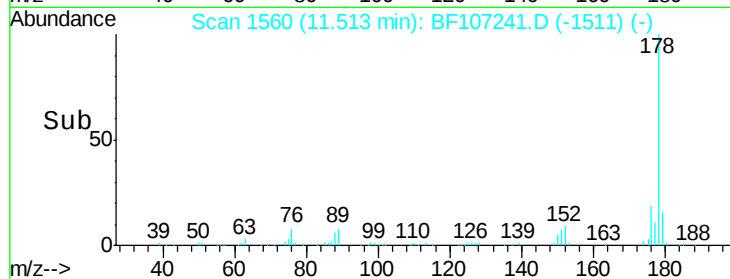
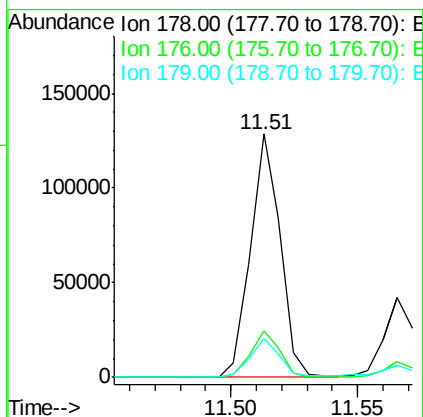
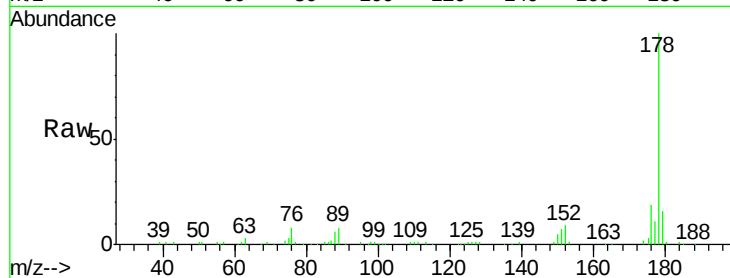
Time-->



#70
 Phenanthrene
 Concen: 17.452 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107241.D
 Acq: 9 Jul 2018 20:48

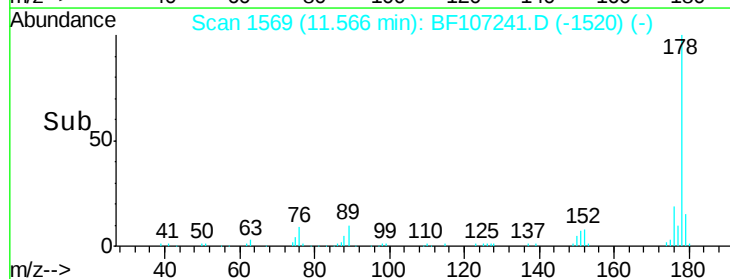
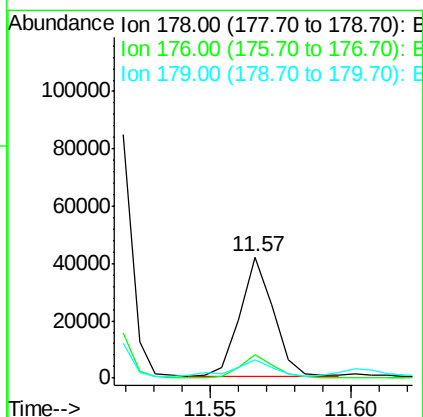
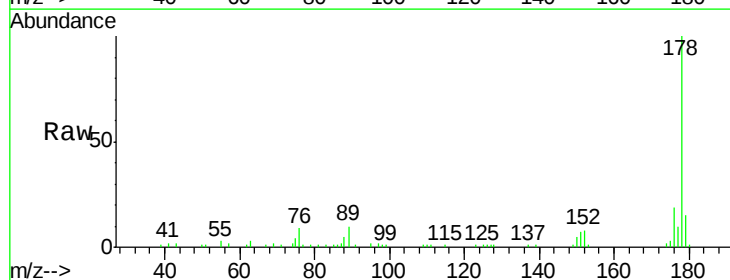
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8

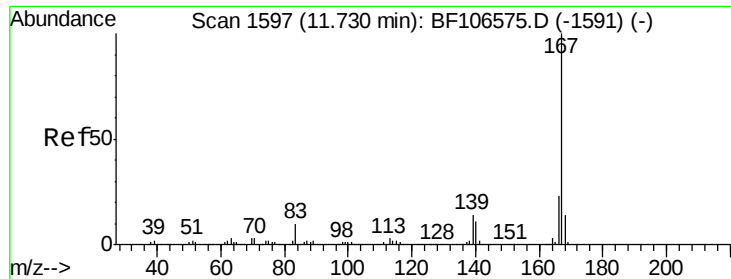
Tgt Ion:178 Resp: 105060
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.9 13.0 19.6



#71
 Anthracene
 Concen: 5.574 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107241.D
 Acq: 9 Jul 2018 20:48

Tgt Ion:178 Resp: 34252
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.2 12.6 19.0

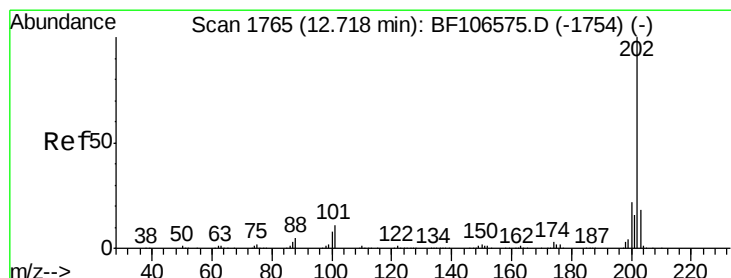
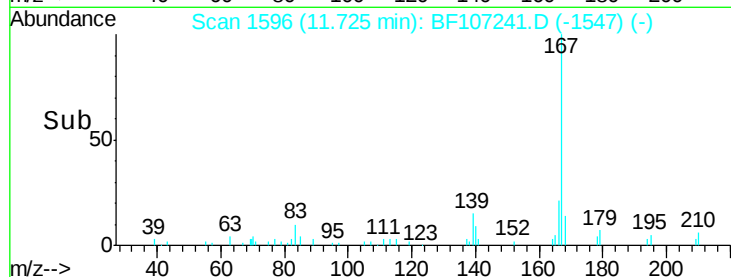
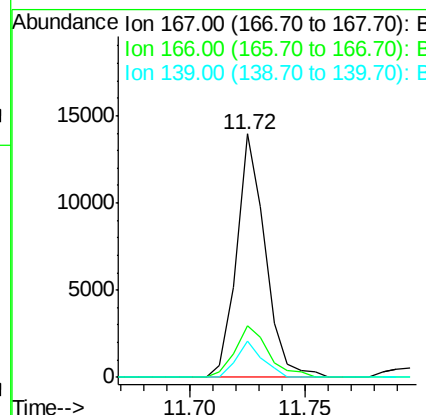
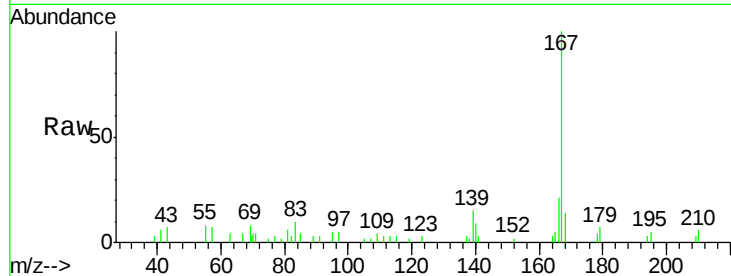




#72
 Carbazole
 Concen: 2.096 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF107241.D
 Acq: 9 Jul 2018 20:48

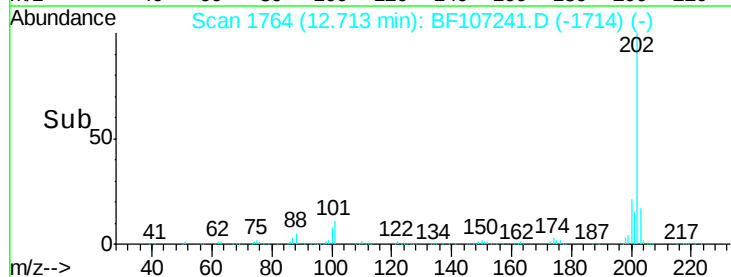
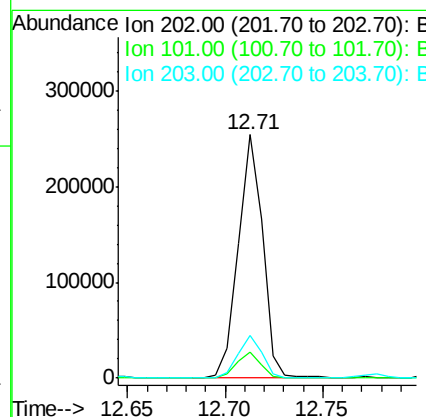
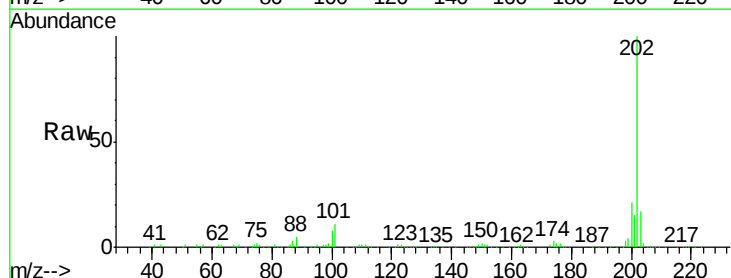
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8

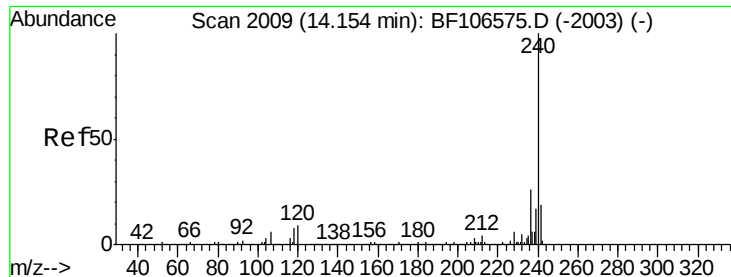
Tgt Ion:167 Resp: 12060
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.6 26.4
 139 14.7 10.9 16.3



#74
 Fluoranthene
 Concen: 33.169 ng
 RT: 12.71 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF107241.D
 Acq: 9 Jul 2018 20:48

Tgt Ion:202 Resp: 220081
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 34.1
 203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107241.D

Acq: 9 Jul 2018 20:48

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-8

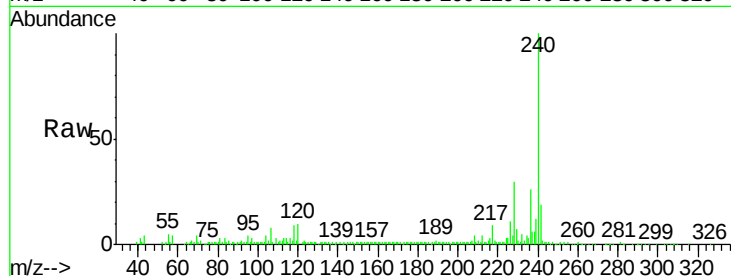
Tgt Ion:240 Resp: 91946

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

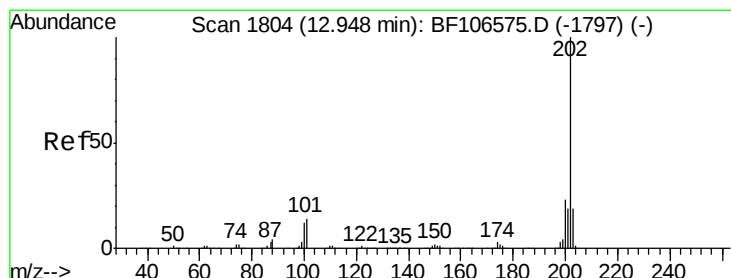
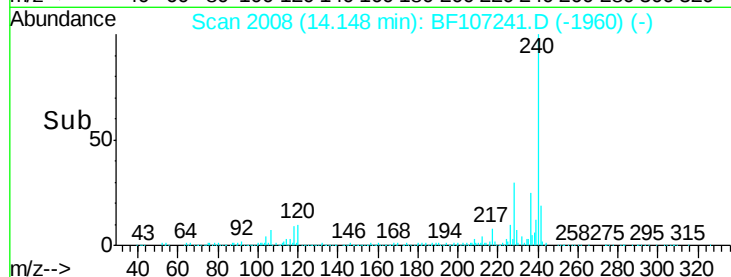
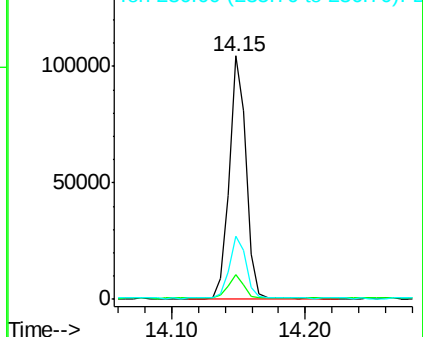
236 25.8 20.7 31.1



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: 33.780 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107241.D

Acq: 9 Jul 2018 20:48

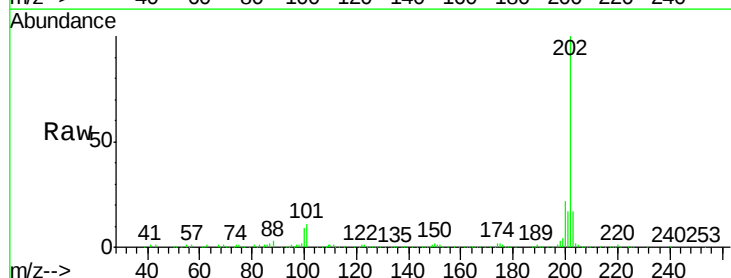
Tgt Ion:202 Resp: 204817

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

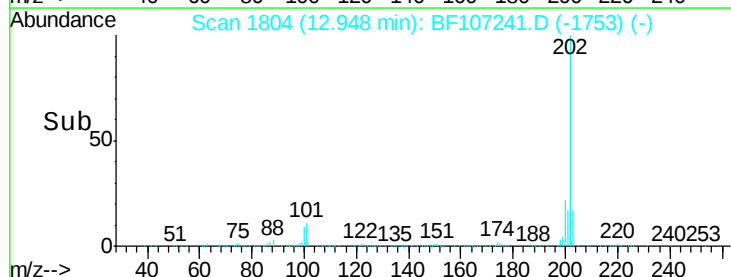
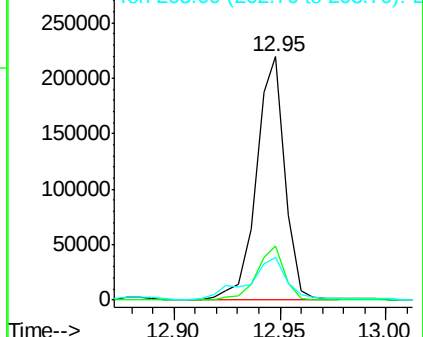
203 17.4 14.3 21.5

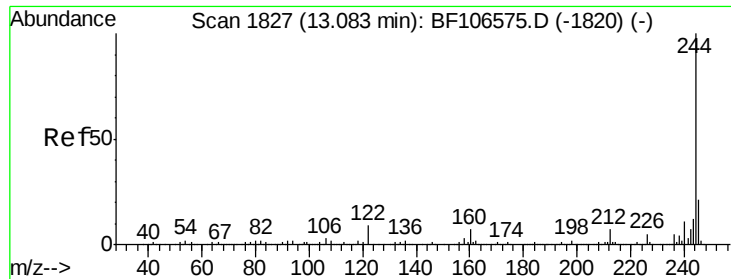


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

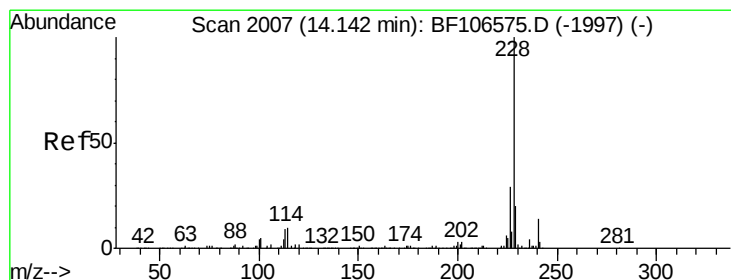
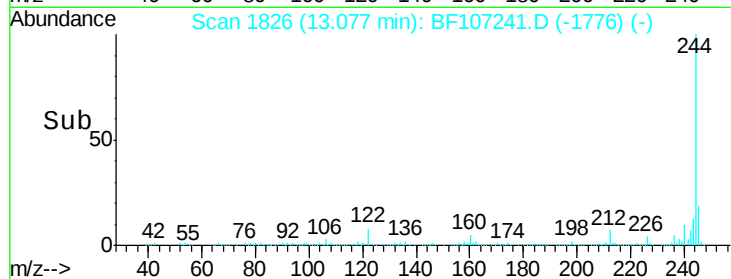
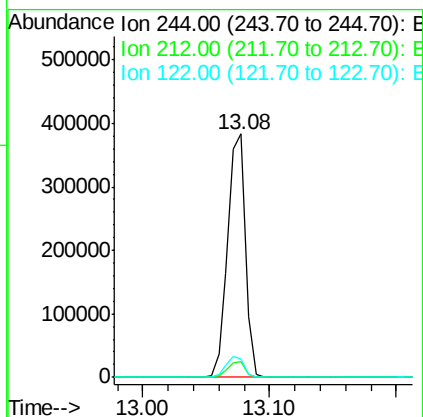
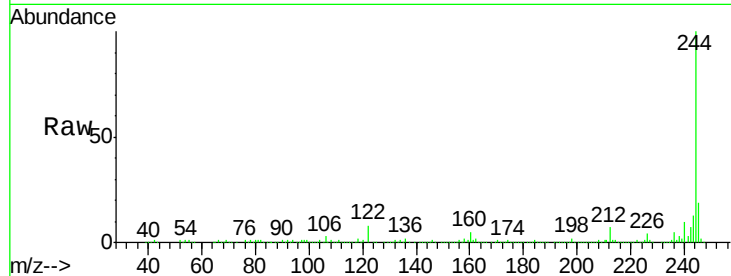




#78
 Terphenyl-d14
 Concen: 98.018 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107241.D
 Acq: 9 Jul 2018 20:48

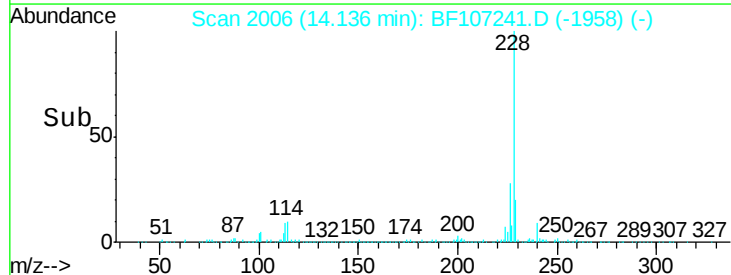
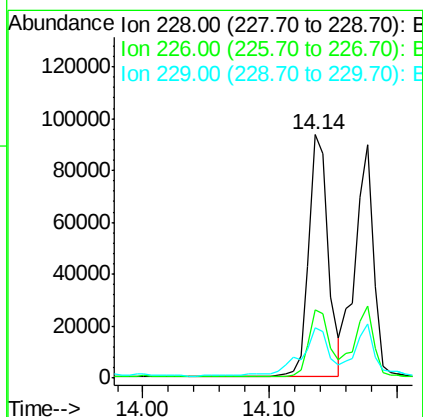
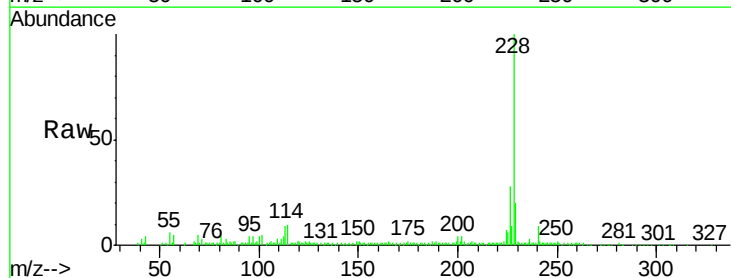
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8

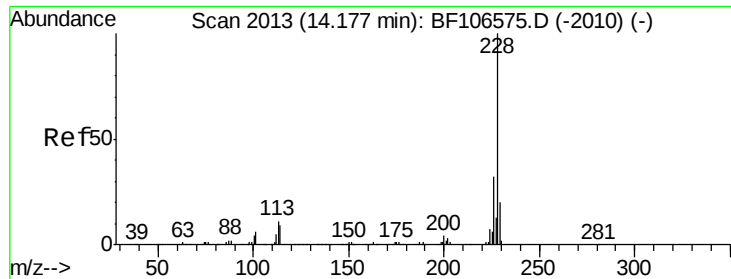
Tgt Ion:244 Resp: 372060
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 7.7 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 17.803 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF107241.D
 Acq: 9 Jul 2018 20:48

Tgt Ion:228 Resp: 99766
 Ion Ratio Lower Upper
 228 100
 226 28.0 22.6 33.8
 229 20.5 15.8 23.6





#82

Chrysene

Concen: 17.358 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF107241.D

Acq: 9 Jul 2018 20:48

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-8

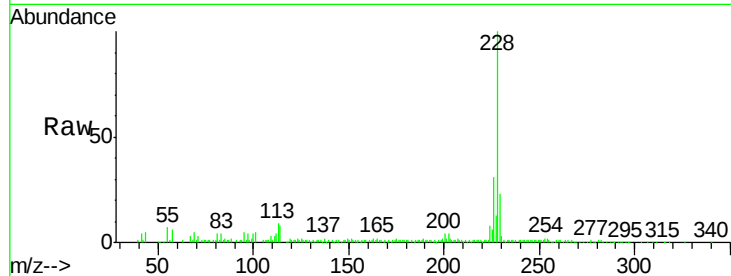
Tgt Ion:228 Resp: 89490

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

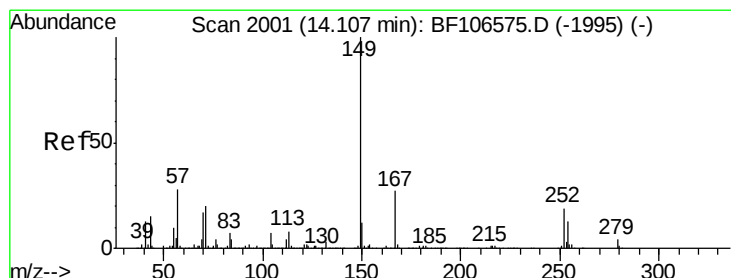
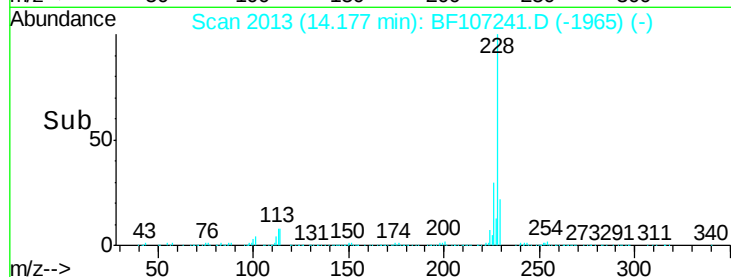
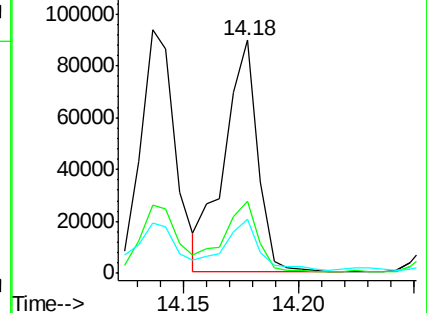
229 23.0 16.2 24.4



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: 4.509 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107241.D

Acq: 9 Jul 2018 20:48

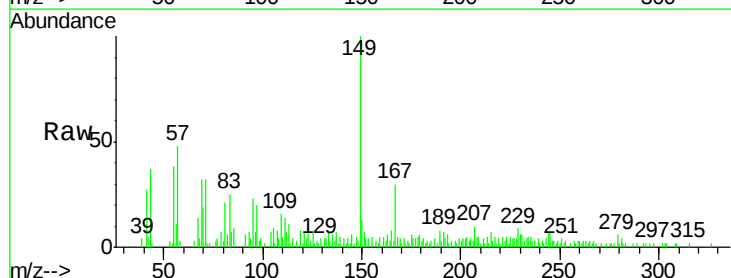
Tgt Ion:149 Resp: 14370

Ion Ratio Lower Upper

149 100

167 29.9 21.3 31.9

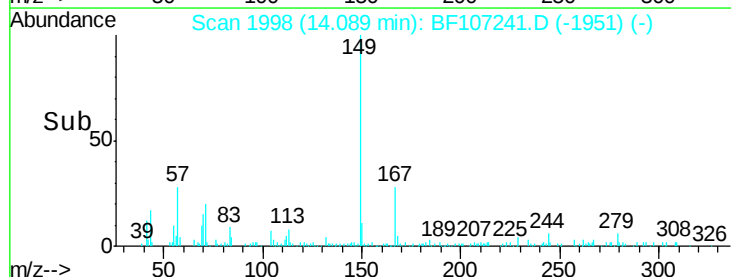
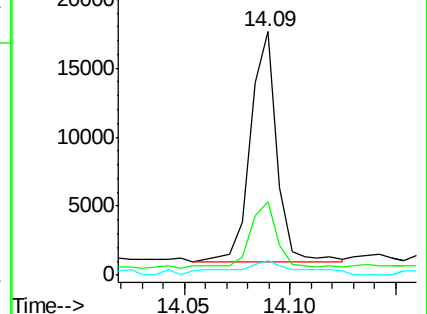
279 6.0 3.0 4.4#

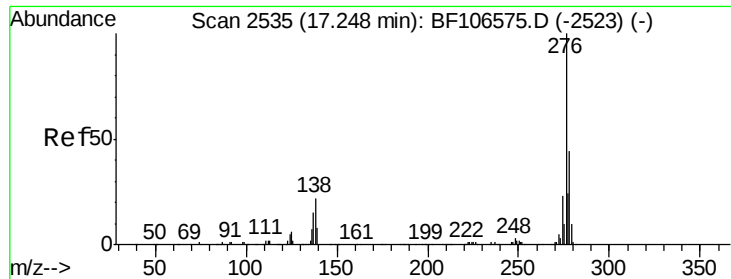


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

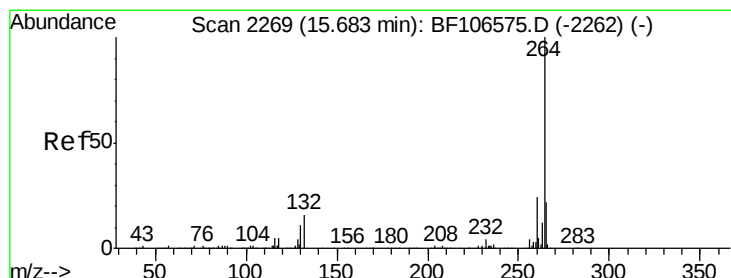
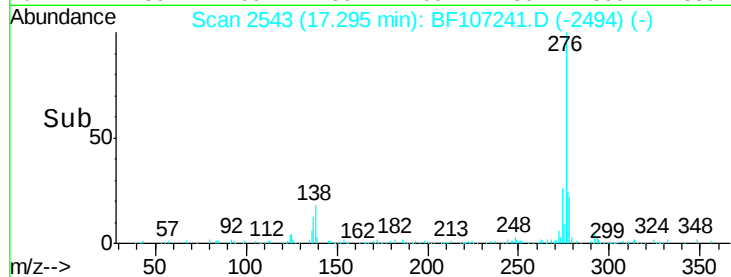
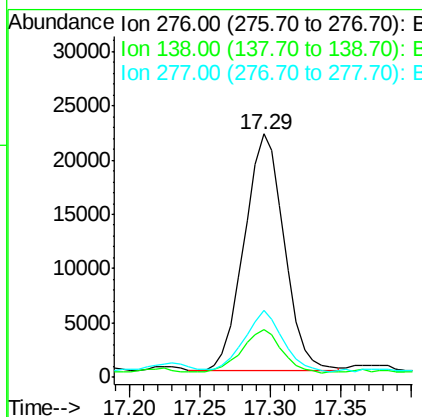
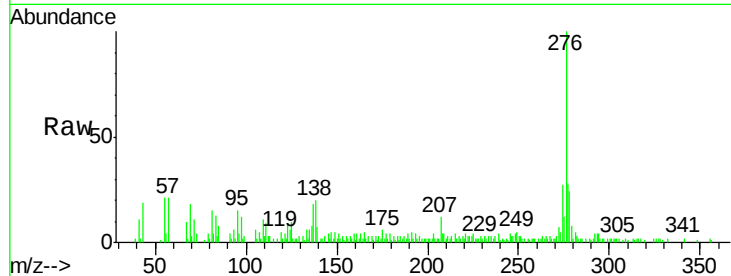




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.854 ng
 RT: 17.29 min Scan# 2543
 Delta R.T. -0.01 min
 Lab File: BF107241.D
 Acq: 9 Jul 2018 20:48

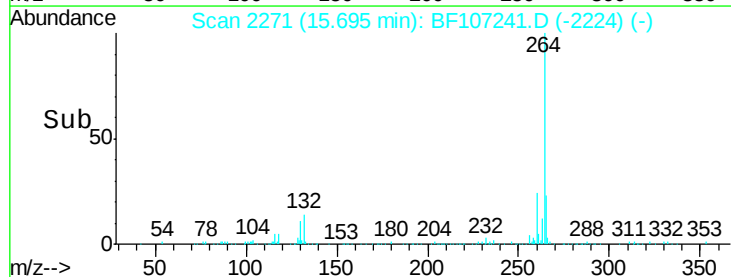
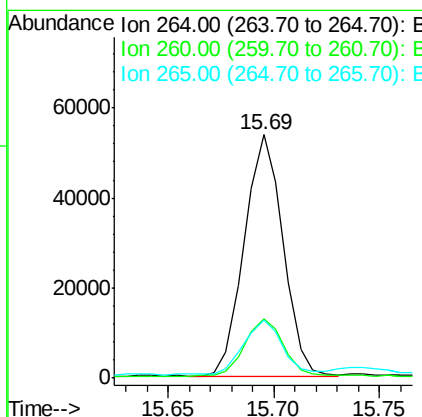
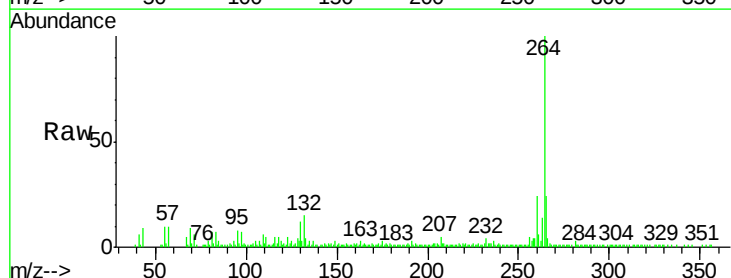
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8

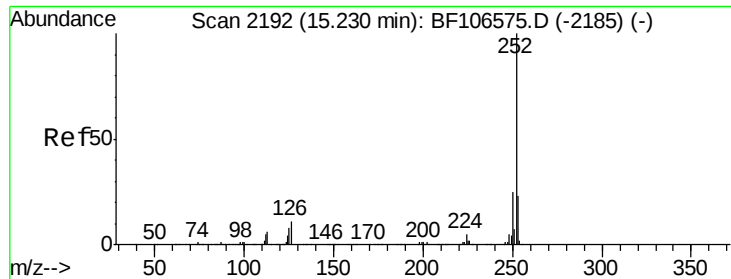
Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	25.0	37.6#
277	24.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF107241.D
 Acq: 9 Jul 2018 20:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	23.8	17.5	26.3

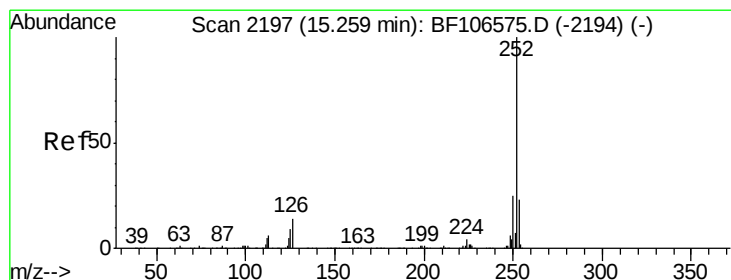
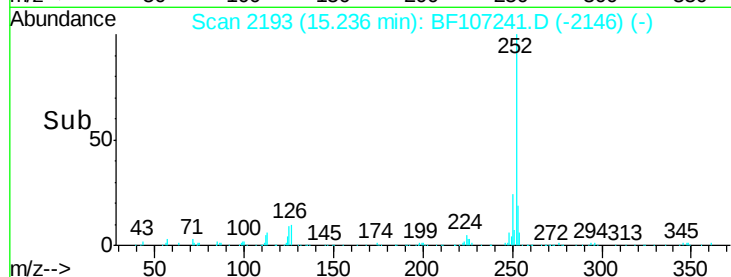
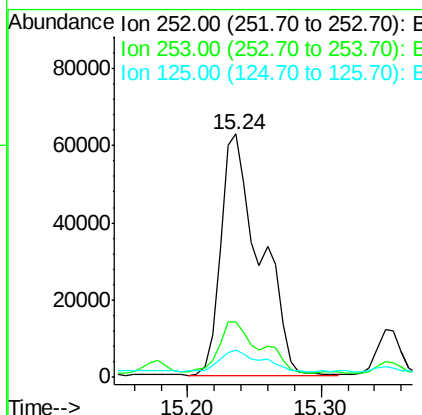
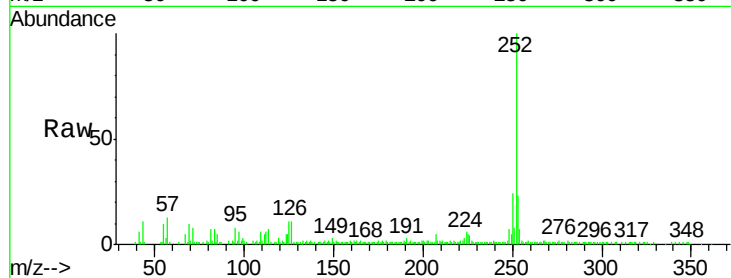




#87
Benzo(b)fluoranthene
Concen: 30.054 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107241.D
Acq: 9 Jul 2018 20:48

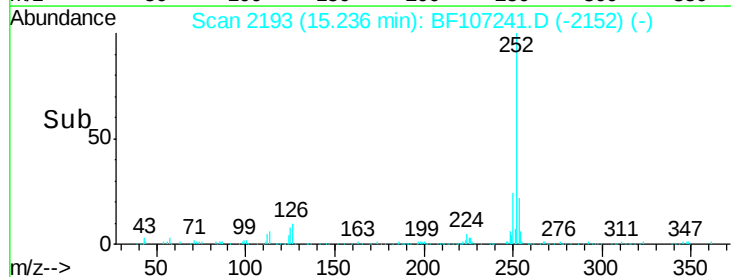
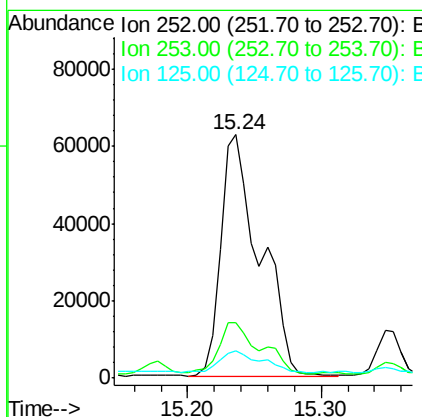
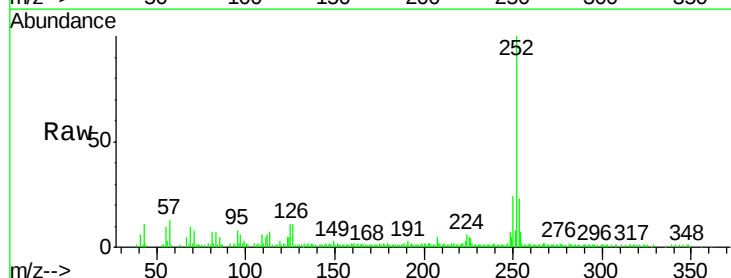
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8

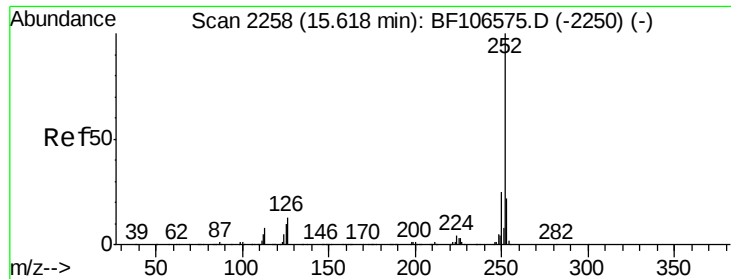
Tgt Ion:252 Resp: 127925
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 11.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 31.559 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF107241.D
Acq: 9 Jul 2018 20:48

Tgt Ion:252 Resp: 127925
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 11.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 17.302 ng

RT: 15.63 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BF107241.D

Acq: 9 Jul 2018 20:48

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-8

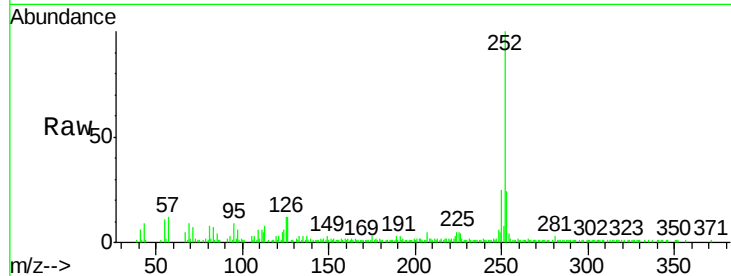
Tgt Ion:252 Resp: 65471

Ion Ratio Lower Upper

252 100

253 23.9 17.1 25.7

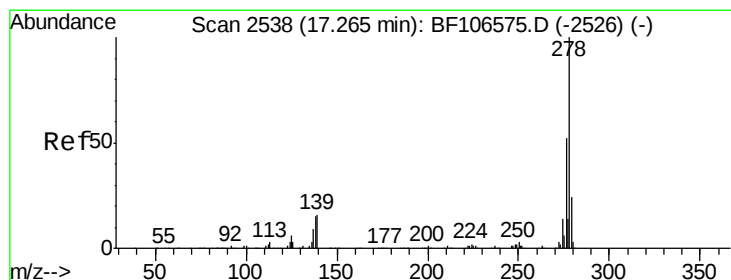
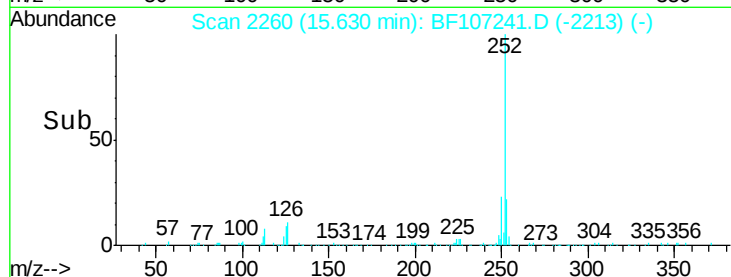
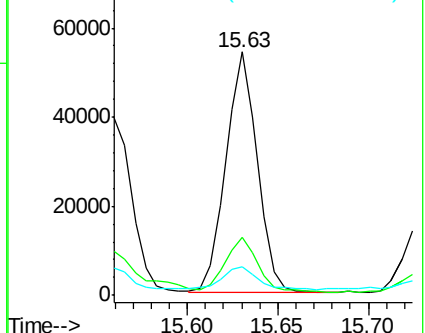
125 11.8 9.8 14.6



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: 3.896 ng

RT: 17.29 min Scan# 2543

Delta R.T. -0.03 min

Lab File: BF107241.D

Acq: 9 Jul 2018 20:48

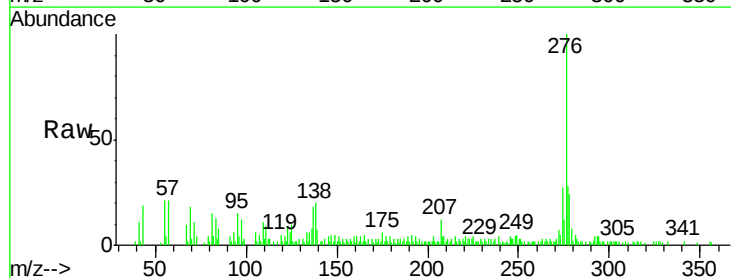
Tgt Ion:278 Resp: 12494

Ion Ratio Lower Upper

278 100

139 27.4 15.9 23.9#

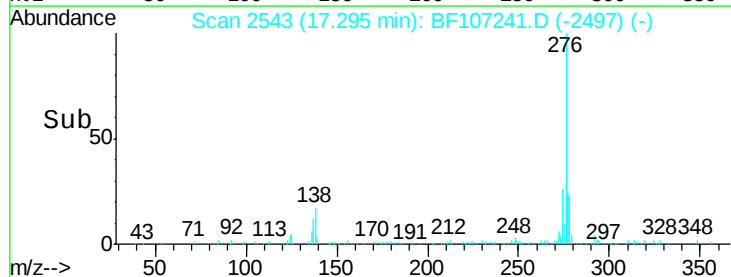
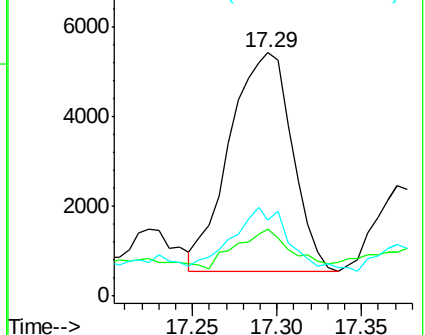
279 31.4 19.0 28.4#

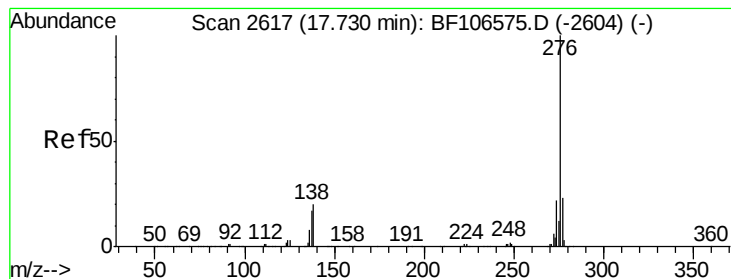


Abundance Ion 278.00 (277.70 to 278.70): E

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: 13.726 ng

RT: 17.79 min Scan# 2627

Delta R.T. 0.00 min

Lab File: BF107241.D

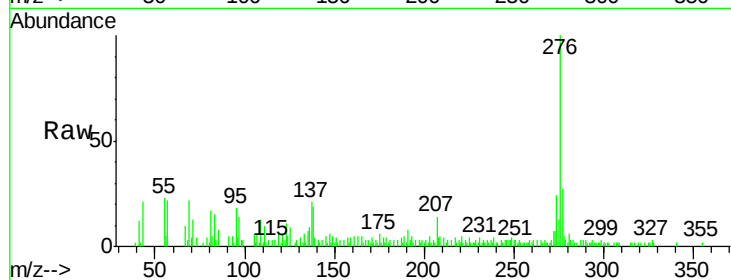
Acq: 9 Jul 2018 20:48

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-8



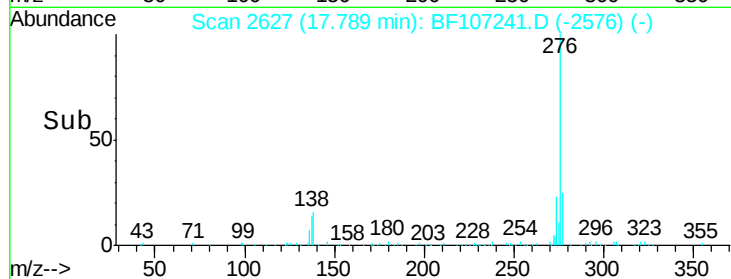
Tgt Ion:276 Resp: 43024

Ion Ratio Lower Upper

276 100

277 27.5 17.9 26.9#

138 19.1 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

