

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107237.D
 Acq On : 9 Jul 2018 19:01
 Operator : JU/SJ
 Sample : J3879-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-4

Quant Time: Jul 10 01:08:29 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	38770	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	139190	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	64462	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	122746	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	95219	20.00	ng	-0.02
86) Perylene-d12	15.69	264	68671	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	266882	116.56	ng	0.00
7) Phenol-d6	6.60	99	328345	114.84	ng	-0.01
23) Nitrobenzene-d5	7.51	82	199723	79.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	91000	121.80	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	355185	95.00	ng	-0.02
78) Terphenyl-d14	13.08	244	403528	102.65	ng	0.00

Target Compounds

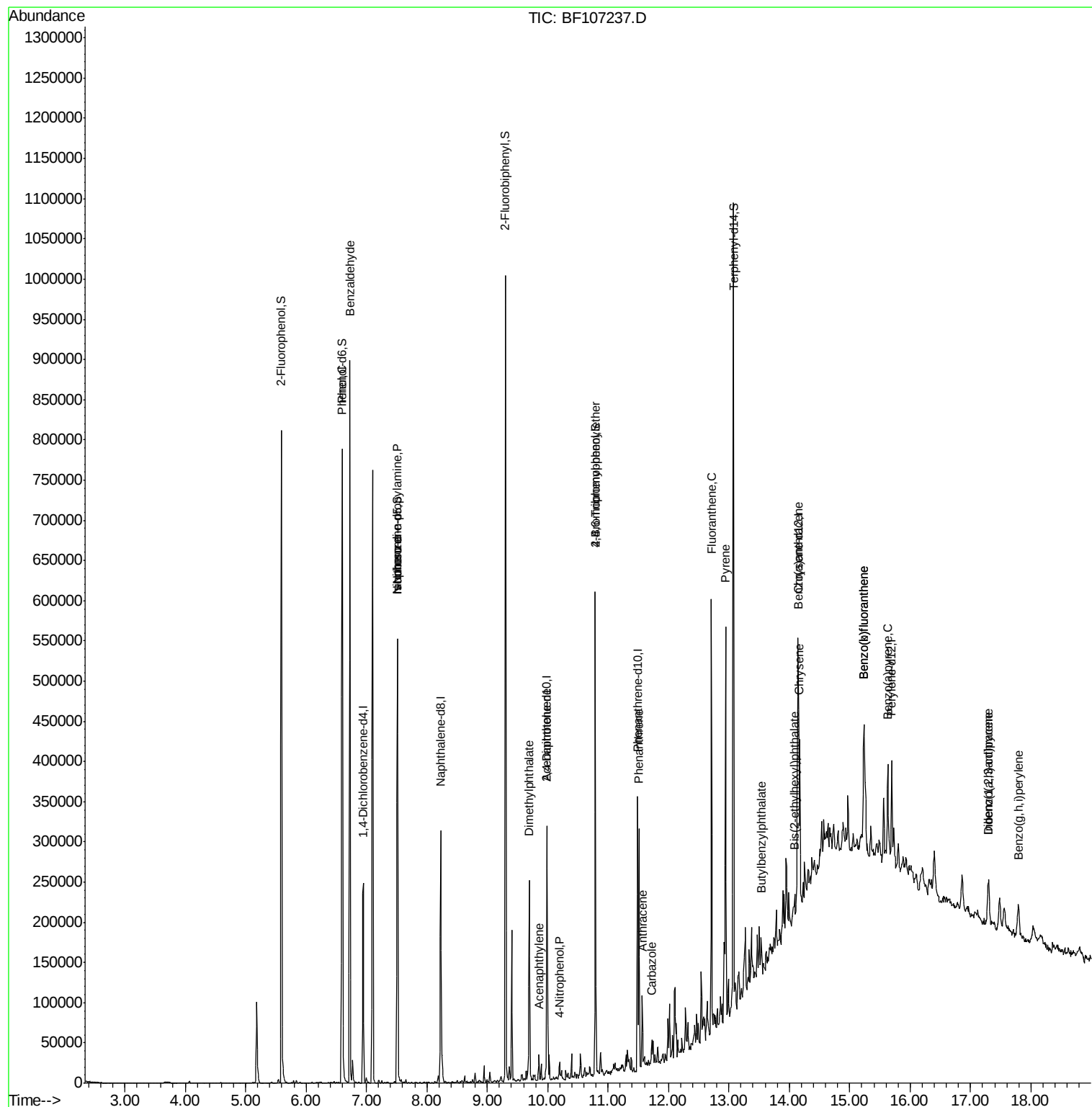
						Qvalue
9) Benzaldehyde	6.72	77	5830	2.421	ng	86
10) Phenol	6.61	94	6995	2.144	ng	# 65
19) n-Nitroso-di-n-propylamine	7.51	70	25539	13.550	ng	# 75
25) Isophorone	7.51	82	199721	45.252	ng	# 64
48) Acenaphthylene	9.85	152	13878	2.174	ng	98
49) Dimethylphthalate	9.70	163	95389	19.730	ng	99
55) 4-Nitrophenol	10.20	139	2995	3.642	ng	# 14
56) 2,4-Dinitrotoluene	9.99	165	8675	6.492	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	5518	3.767	ng	# 1
70) Phenanthrene	11.51	178	104582	17.665	ng	97
71) Anthracene	11.57	178	33959	5.620	ng	98
72) Carbazole	11.72	167	11838	2.092	ng	97
74) Fluoranthene	12.71	202	211872	32.469	ng	95
77) Pyrene	12.95	202	220900	35.181	ng	99
79) Butylbenzylphthalate	13.54	149	8120	3.145	ng	# 96
80) Benzo(a)anthracene	14.14	228	102637	17.686	ng	97
82) Chrysene	14.18	228	94023	17.611	ng	97
83) Bis(2-ethylhexyl)phthalate	14.09	149	7411	2.245	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.29	276	38288	8.451	ng	# 86
87) Benzo(b)fluoranthene	15.24	252	126322	29.613	ng	97
88) Benzo(k)fluoranthene	15.24	252	126322	31.096	ng	97
89) Benzo(a)pyrene	15.63	252	63758	16.813	ng	96
90) Dibenzo(a,h)anthracene	17.29	278	11869	3.693	ng	# 79
91) Benzo(g,h,i)perylene	17.79	276	38409	12.227	ng	# 90

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

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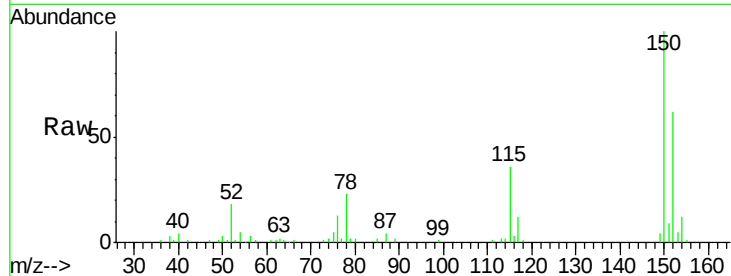


#1

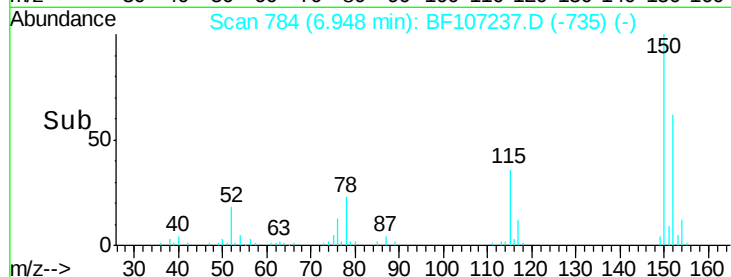
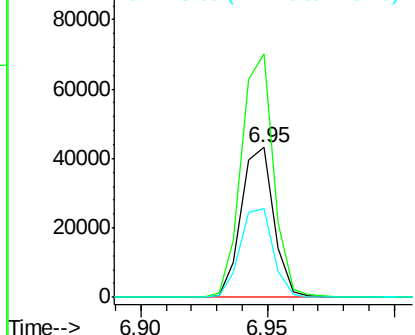
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-4

Tgt Ion:152 Resp: 38770
Ion Ratio Lower Upper
152 100
150 162.2 124.6 186.8
115 59.0 50.1 75.1



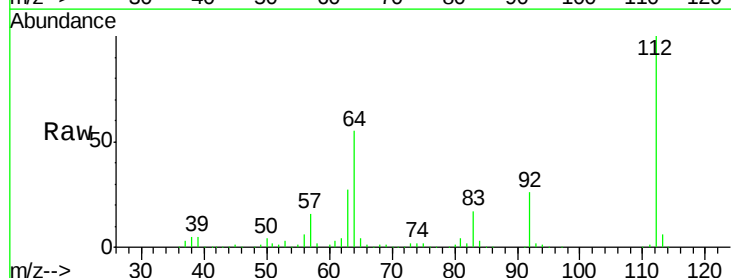
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



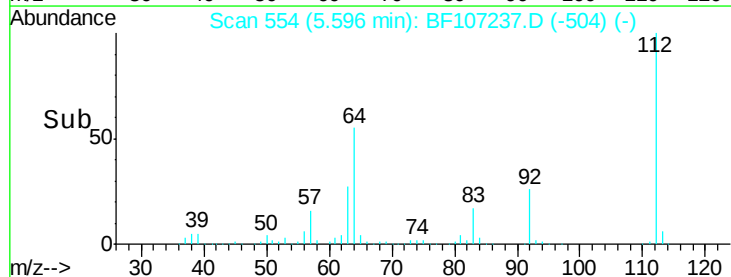
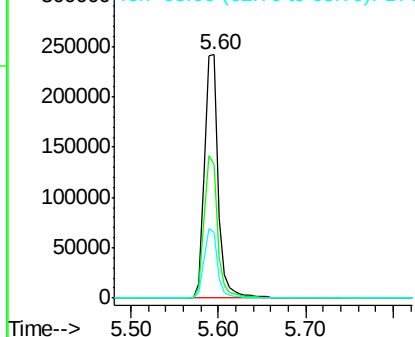
#5

2-Fluorophenol
Concen: 116.563 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

Tgt Ion:112 Resp: 266882
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 27.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 114.836 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107237.D

Acq: 9 Jul 2018 19:01

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-4

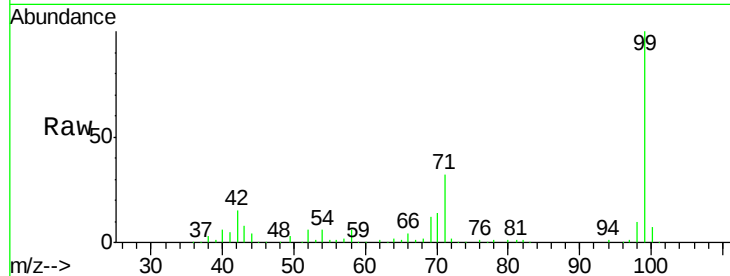
Tgt Ion: 99 Resp: 328345

Ion Ratio Lower Upper

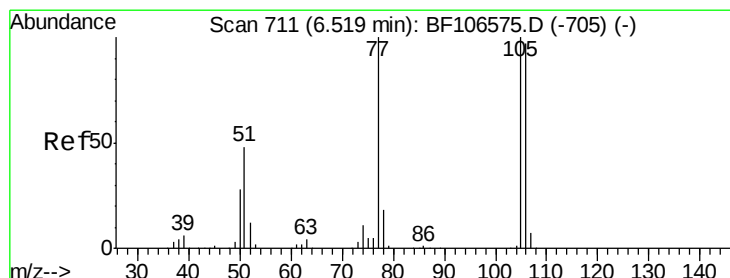
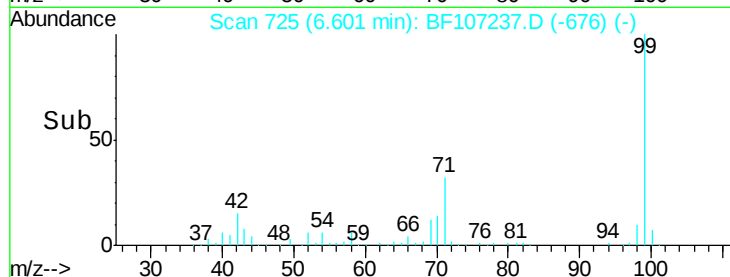
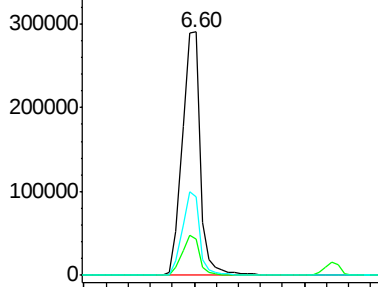
99 100

42 15.1 14.5 21.7

71 32.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.421 ng

RT: 6.72 min Scan# 746

Delta R.T. 0.21 min

Lab File: BF107237.D

Acq: 9 Jul 2018 19:01

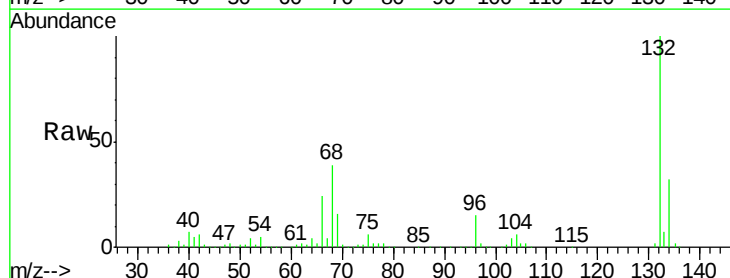
Tgt Ion: 77 Resp: 5830

Ion Ratio Lower Upper

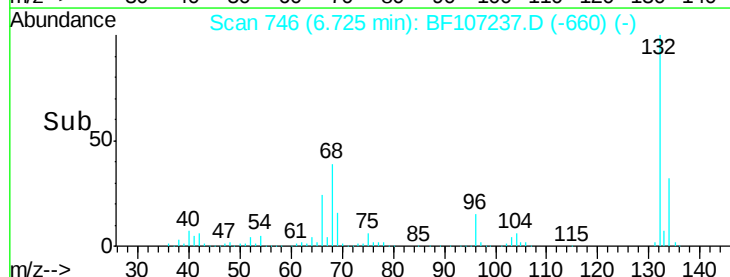
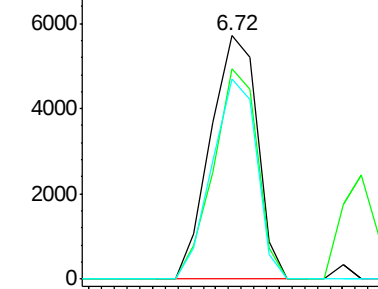
77 100

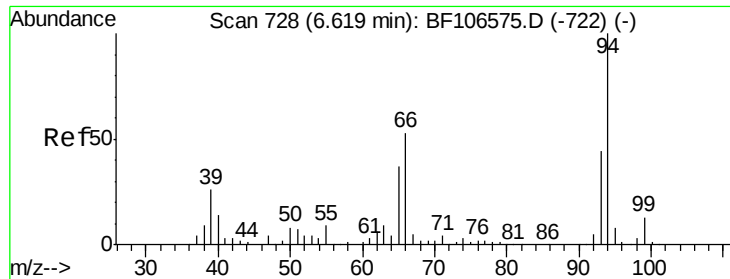
105 86.3 81.1 121.1

106 81.9 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

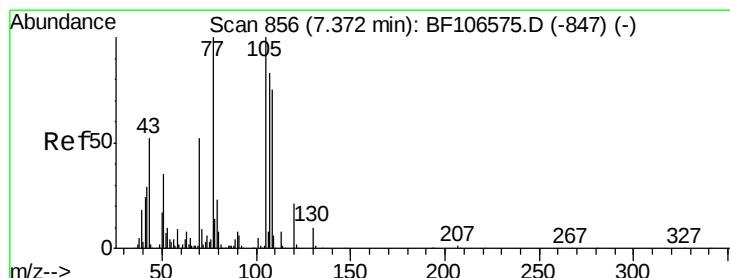
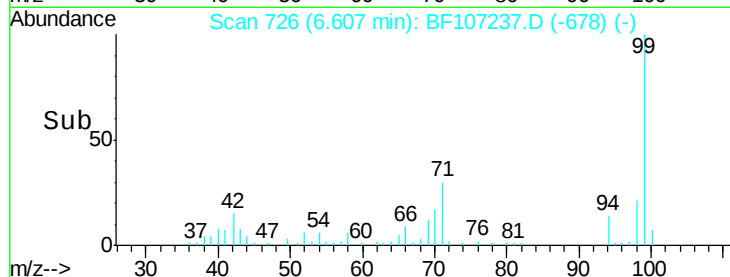
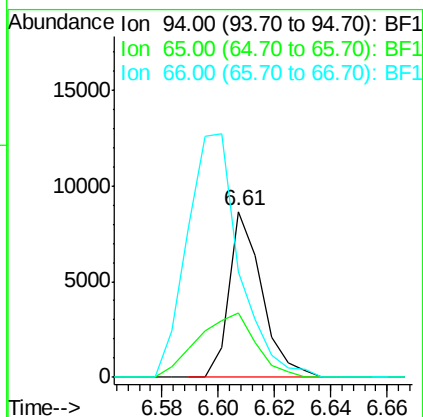
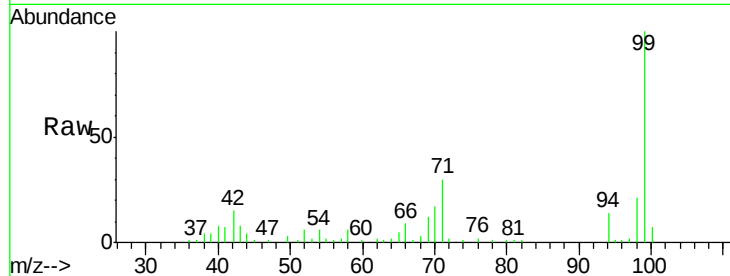




#10
Phenol
Concen: 2.144 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

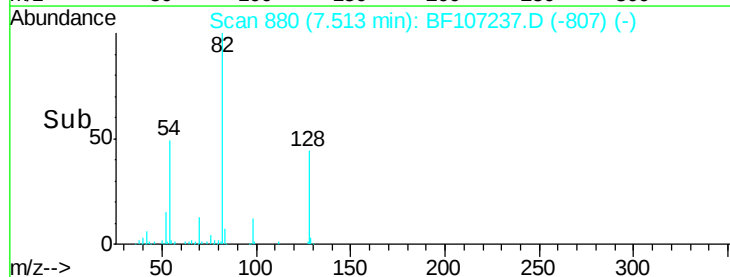
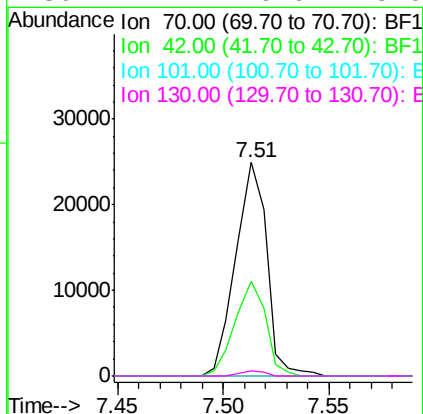
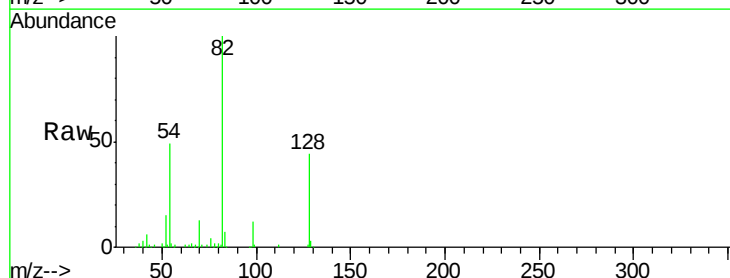
Instrument :
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SURCHARGE-SP-4

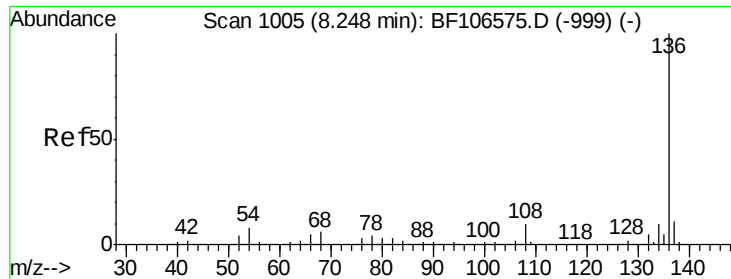
Tgt Ion: 94 Resp: 6995
Ion Ratio Lower Upper
94 100
65 39.2 7.9 47.9
66 63.4 16.2 56.2#



#19
n-Nitroso-di-n-propylamine
Concen: 13.550 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

Tgt Ion: 70 Resp: 25539
Ion Ratio Lower Upper
70 100
42 44.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#

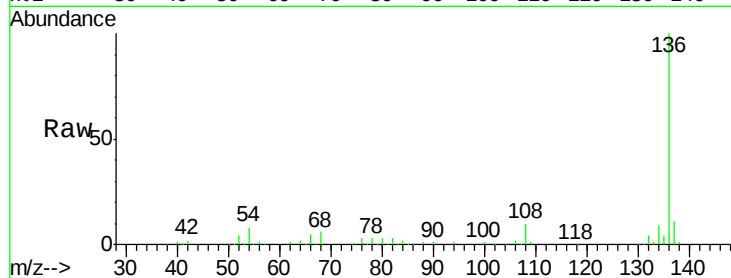




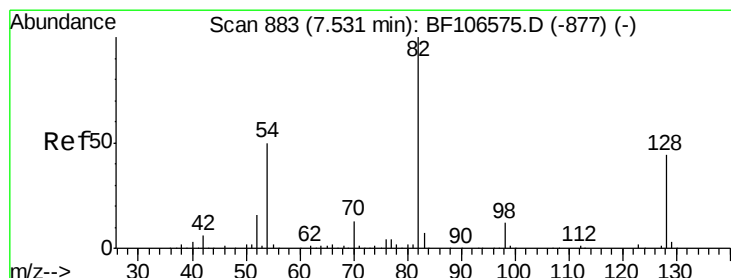
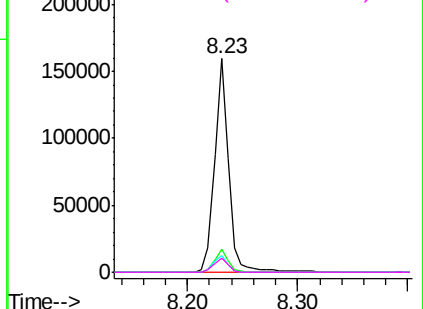
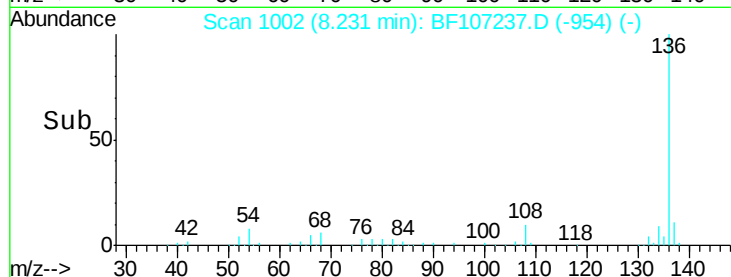
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-4

Tgt Ion:	136	Resp:	139190
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.8	6.6	9.8
68	6.4	5.0	7.4

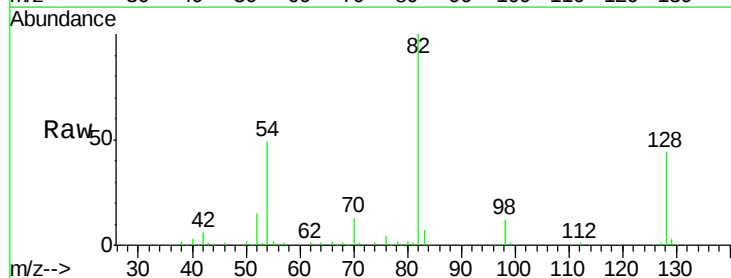


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

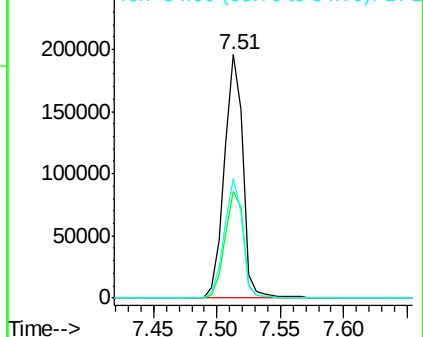
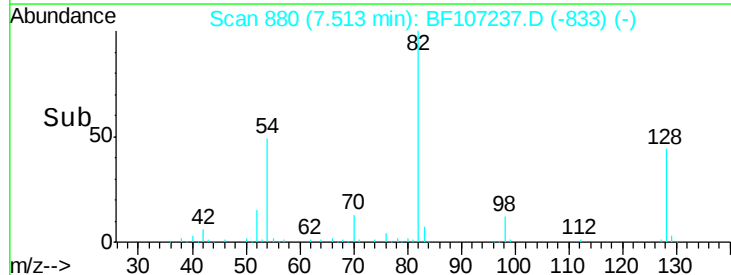


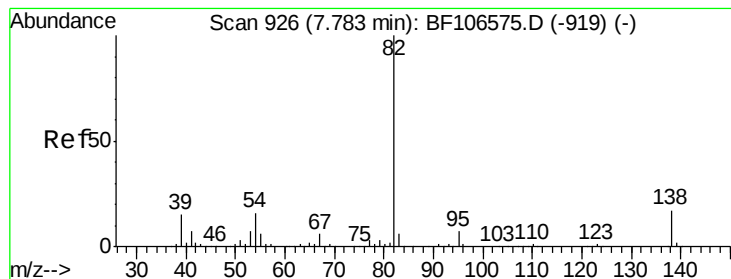
#23
Nitrobenzene-d5
Concen: 79.742 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

Tgt Ion:	82	Resp:	199723
Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	49.3	41.4	62.2



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





#25

Isophorone

Concen: 45.252 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107237.D

Acq: 9 Jul 2018 19:01

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-4

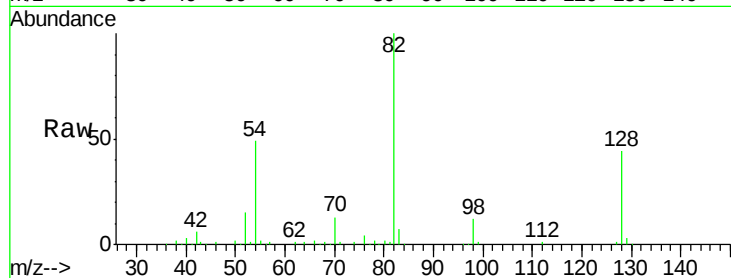
Tgt Ion: 82 Resp: 199721

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

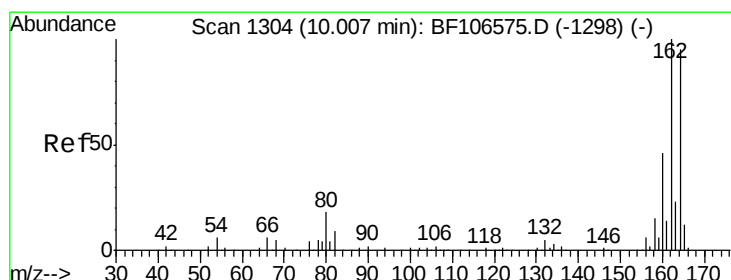
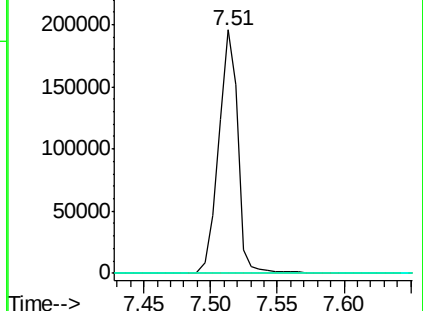
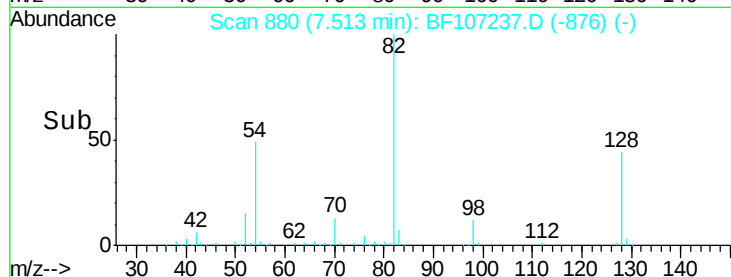
138 0.0 14.9 22.3#



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: BF107237.D

Acq: 9 Jul 2018 19:01

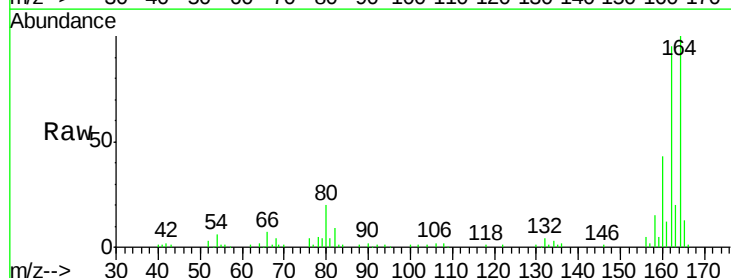
Tgt Ion: 164 Resp: 64462

Ion Ratio Lower Upper

164 100

162 94.8 86.1 129.1

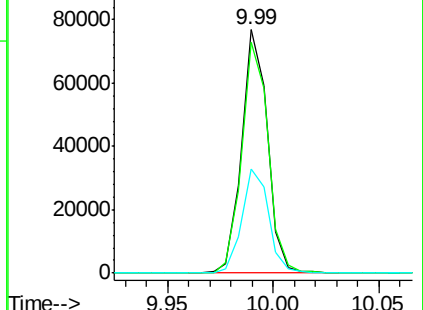
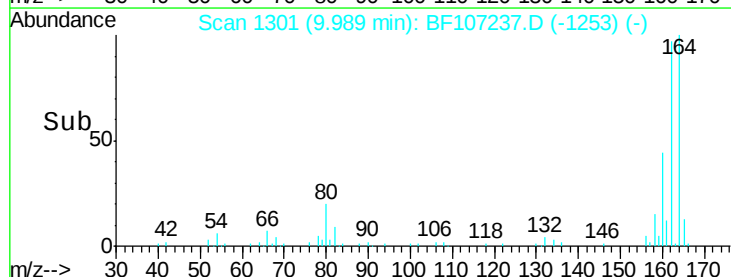
160 42.7 38.3 57.5



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

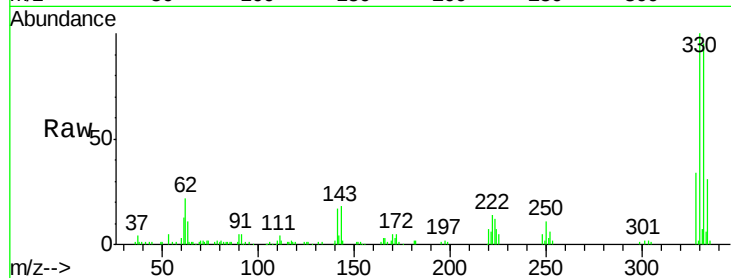




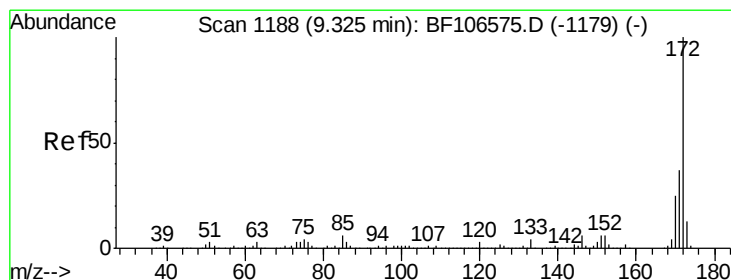
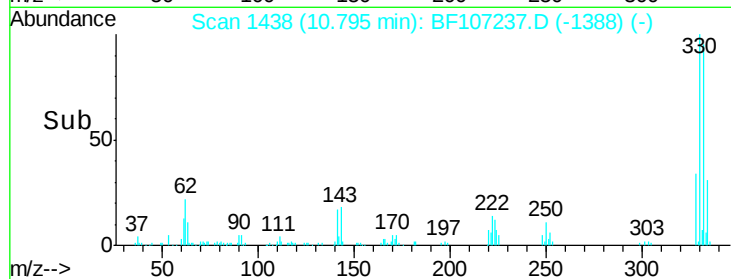
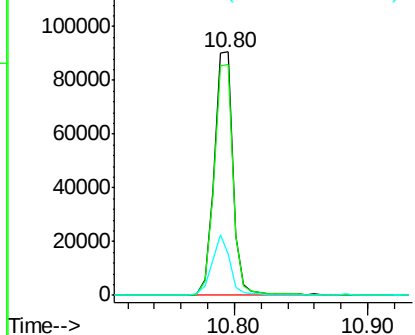
#41
 2,4,6-Tribromophenol
 Concen: 121.799 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107237.D
 Acq: 9 Jul 2018 19:01

Instrument :
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 SURCHARGE-SP-4

Tgt Ion:330 Resp: 91000
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 23.8 29.9 44.9#

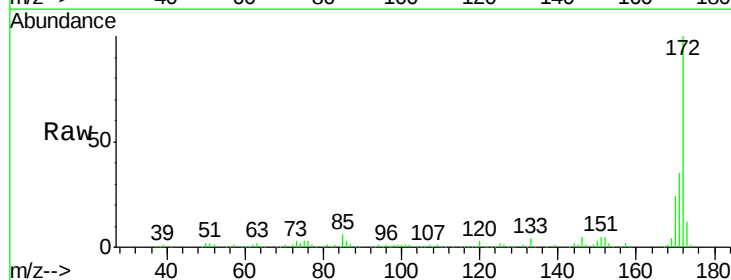


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

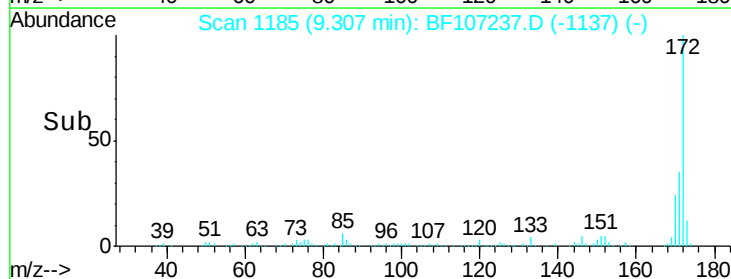
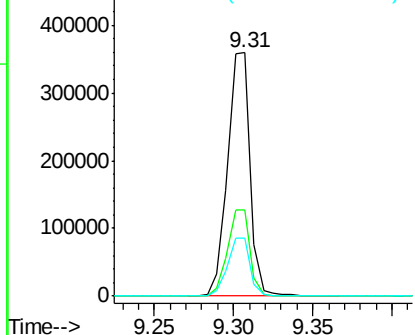


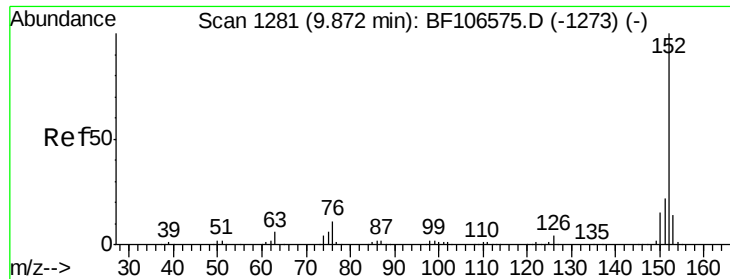
#44
 2-Fluorobiphenyl
 Concen: 94.999 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107237.D
 Acq: 9 Jul 2018 19:01

Tgt Ion:172 Resp: 355185
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.0 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: 2.174 ng

RT: 9.85 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF107237.D

Acq: 9 Jul 2018 19:01

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-4

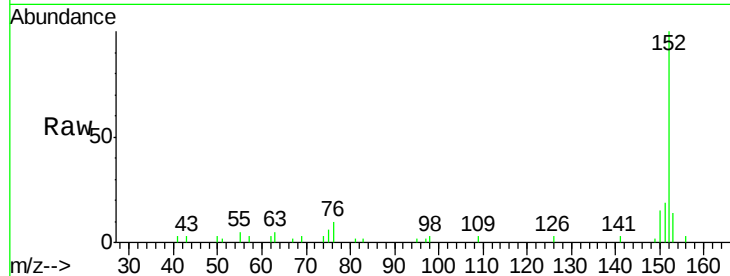
Tgt Ion:152 Resp: 13878

Ion Ratio Lower Upper

152 100

151 18.8 16.3 24.5

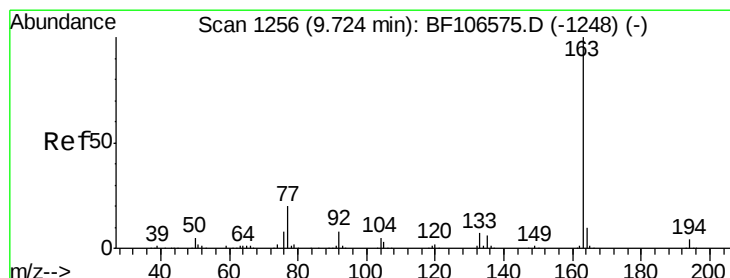
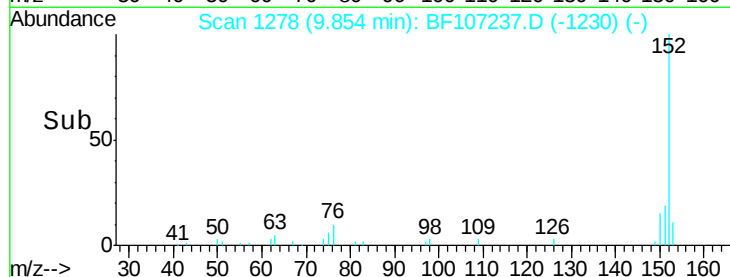
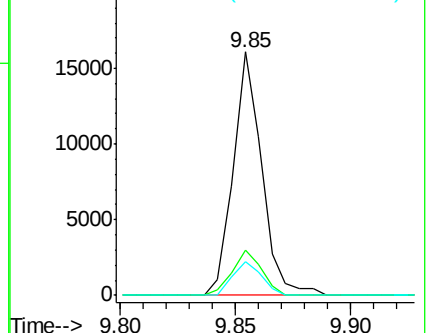
153 13.7 10.7 16.1



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: 19.730 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107237.D

Acq: 9 Jul 2018 19:01

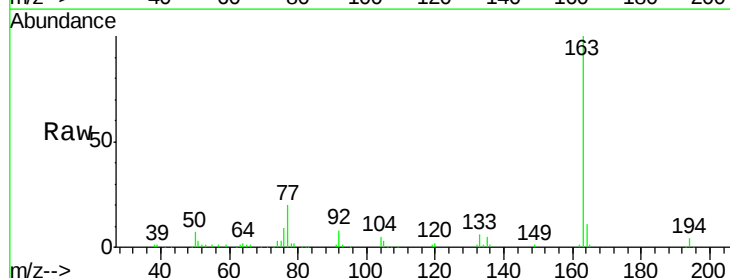
Tgt Ion:163 Resp: 95389

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

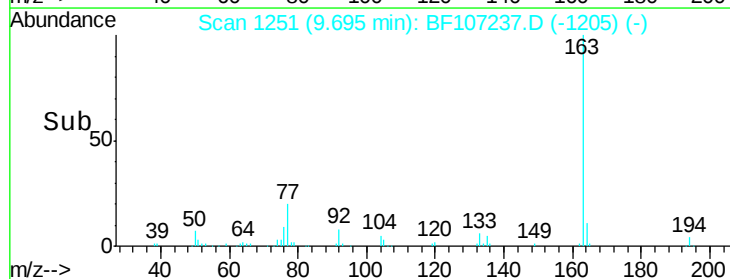
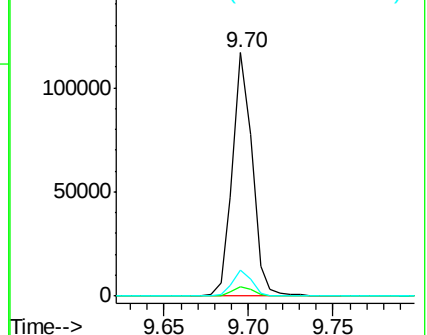
164 10.8 8.2 12.2

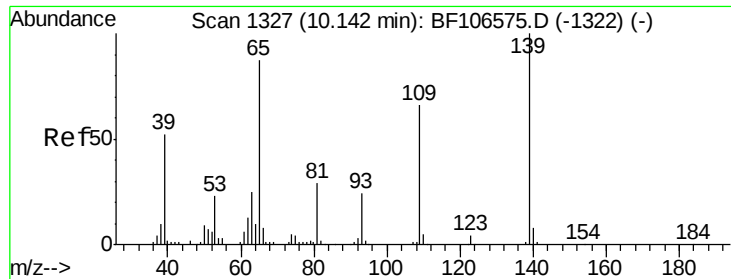


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

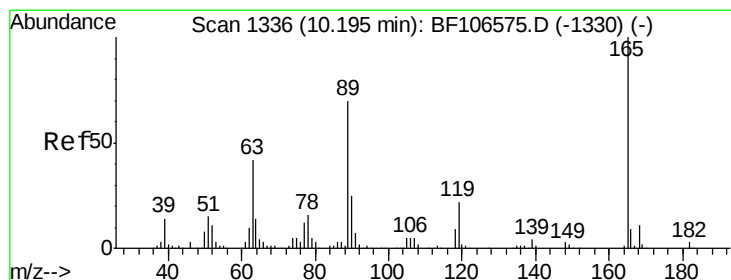
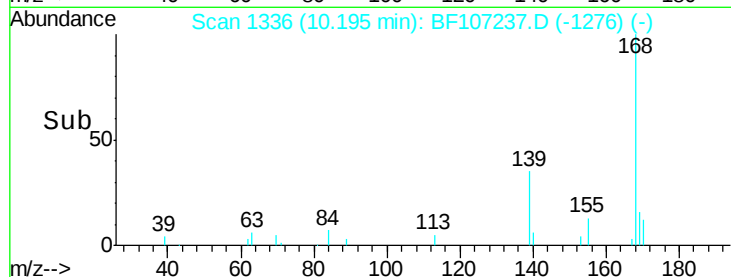
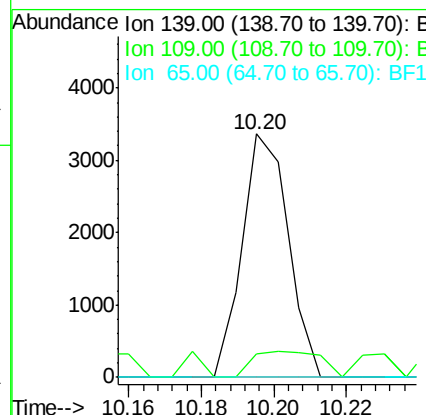
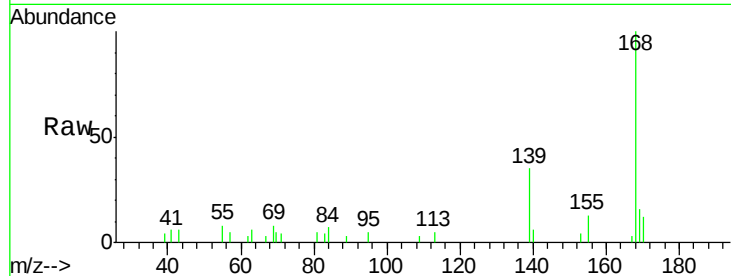




#55
4-Nitrophenol
Concen: 3.642 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

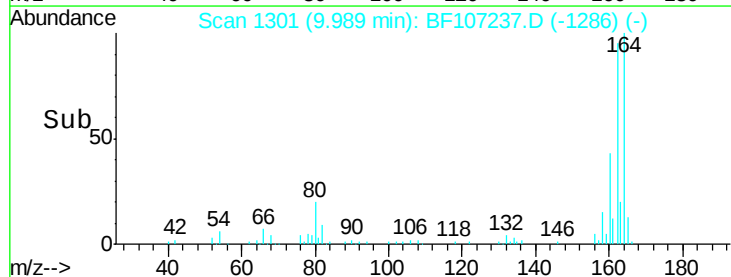
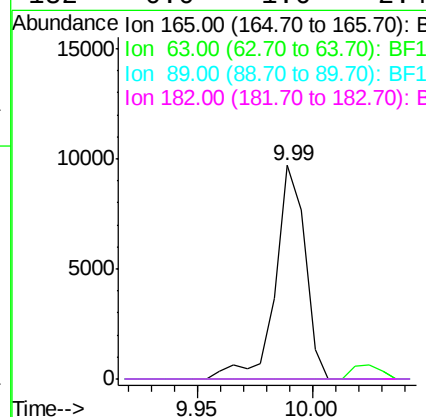
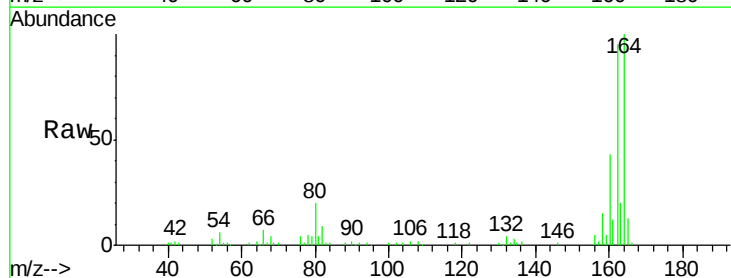
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-4

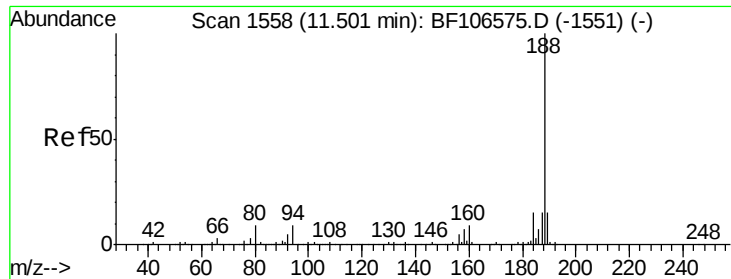
Tgt Ion	Ratio	Lower	Upper
139	100		
109	9.5	48.4	88.4#
65	0.0	72.6	112.6#



#56
2,4-Dinitrotoluene
Concen: 6.492 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

Tgt 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#

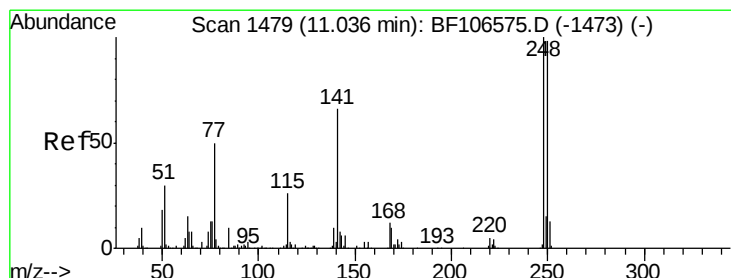
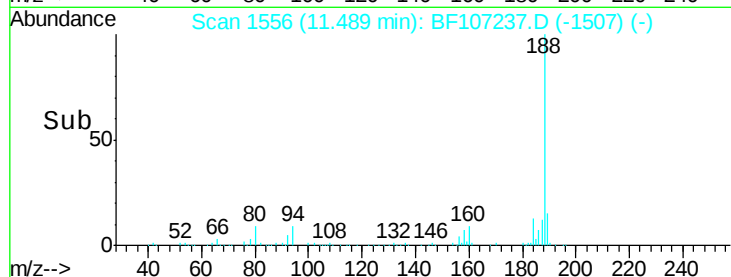
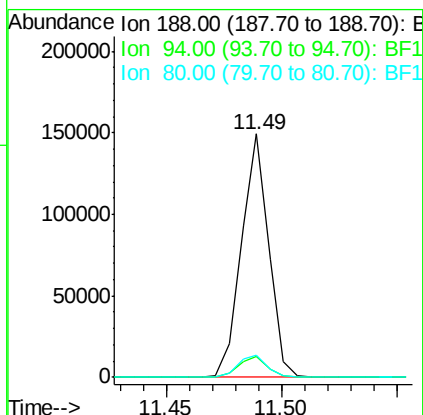
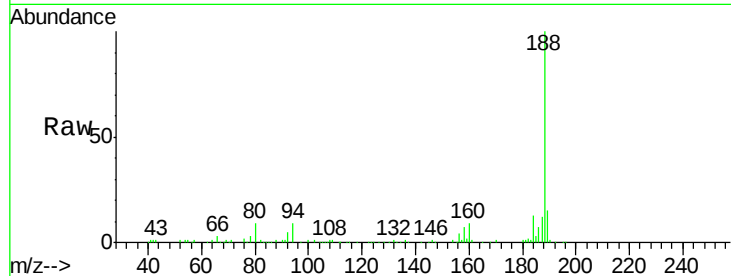




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

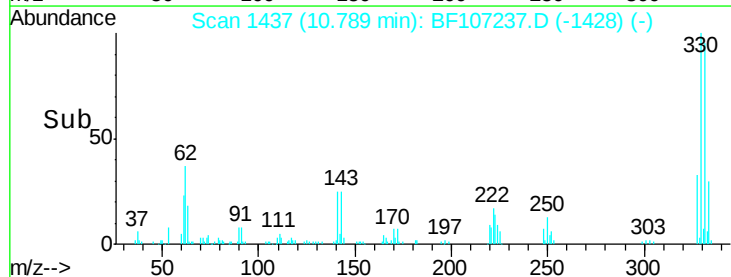
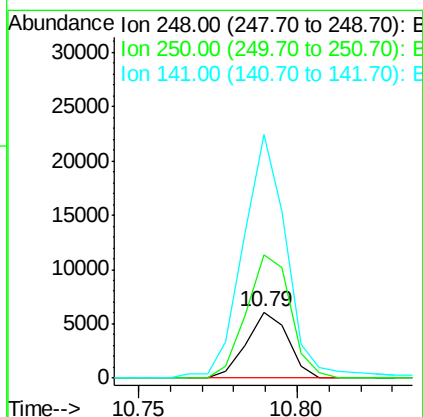
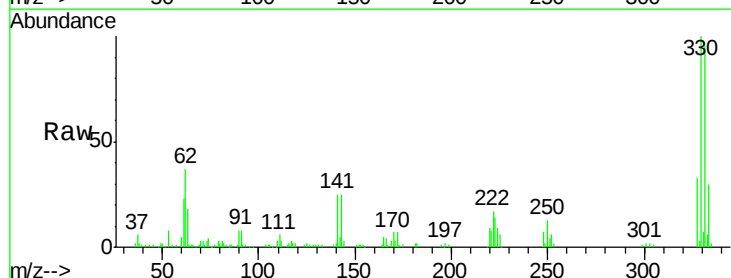
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-4

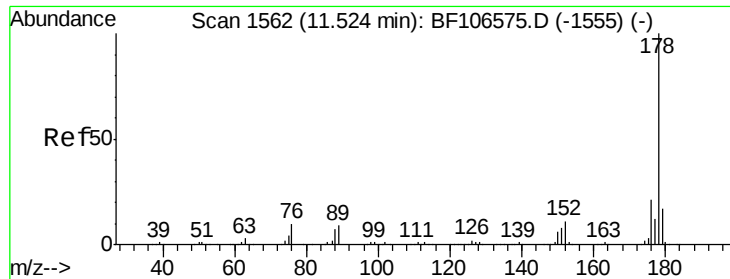
Tgt Ion:188 Resp: 122746
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 8.9 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 3.767 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

Tgt Ion:248 Resp: 5518
Ion Ratio Lower Upper
248 100
250 188.1 76.9 115.3#
141 370.1 74.4 111.6#

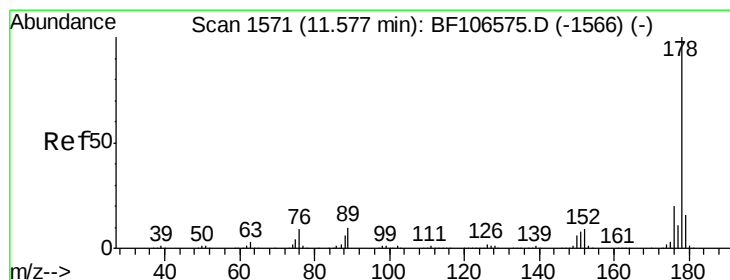
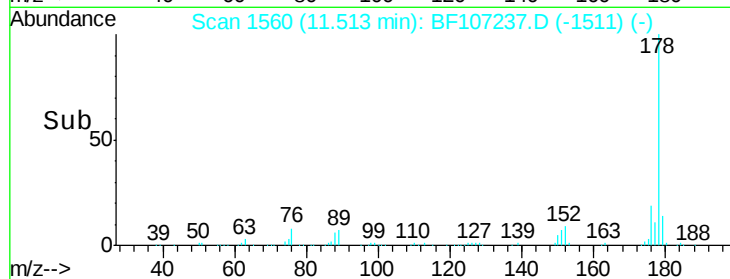
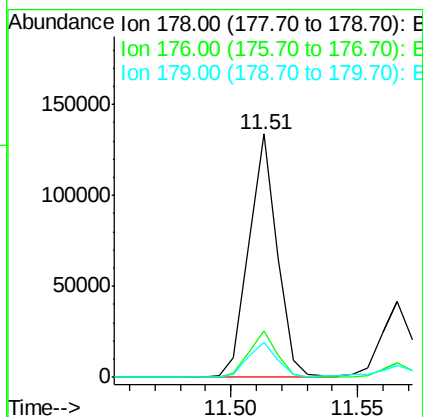
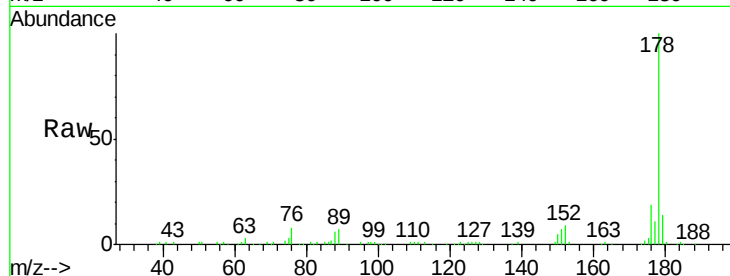




#70
Phenanthrene
Concen: 17.665 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

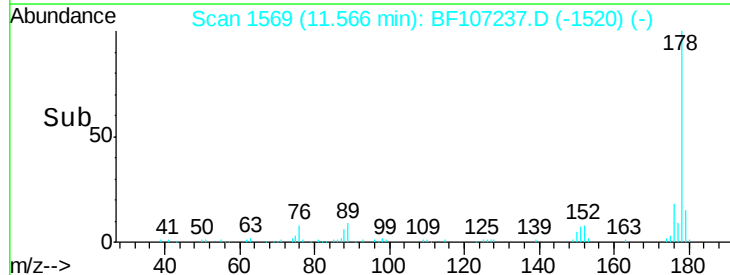
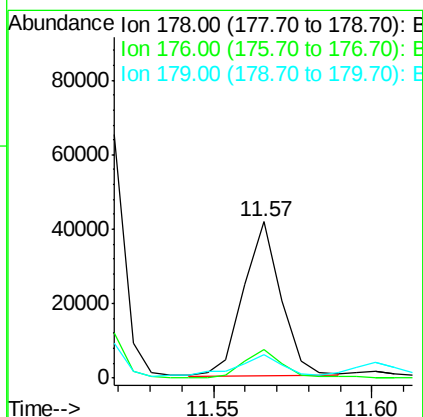
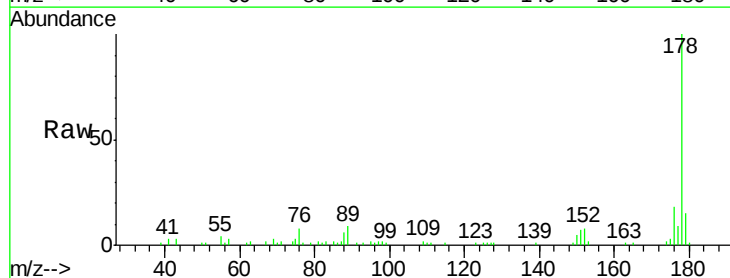
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-4

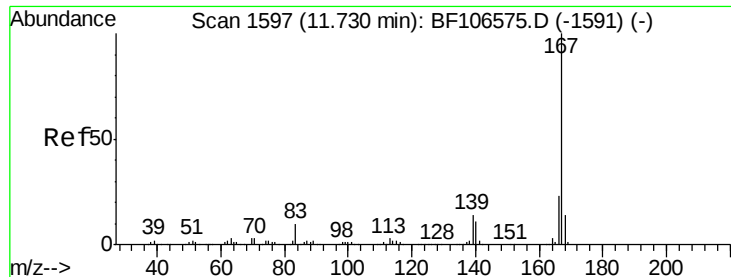
Tgt Ion:178 Resp: 104582
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 14.5 13.0 19.6



#71
Anthracene
Concen: 5.620 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

Tgt Ion:178 Resp: 33959
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.4 12.6 19.0





#72

Carbazole

Concen: 2.092 ng

RT: 11.72 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF107237.D

Acq: 9 Jul 2018 19:01

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-4

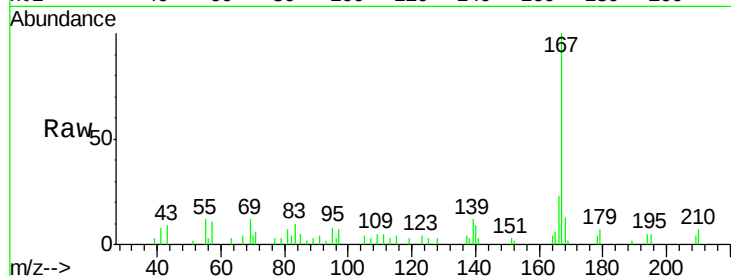
Tgt Ion:167 Resp: 11838

Ion Ratio Lower Upper

167 100

166 22.8 17.6 26.4

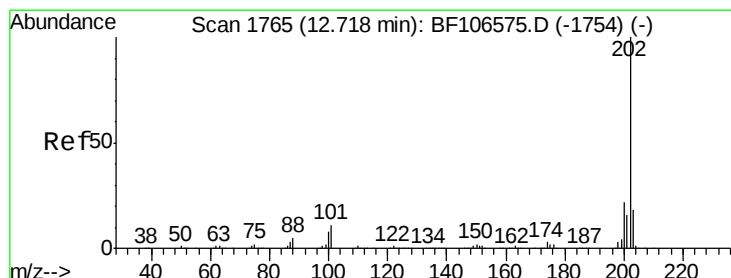
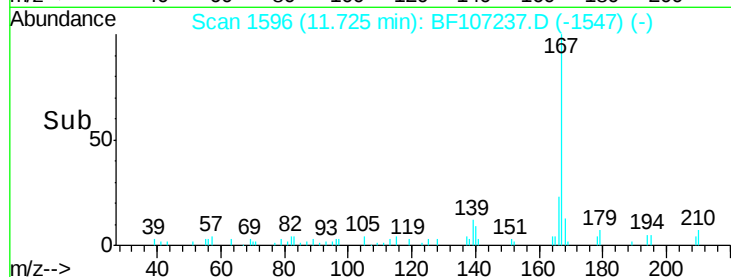
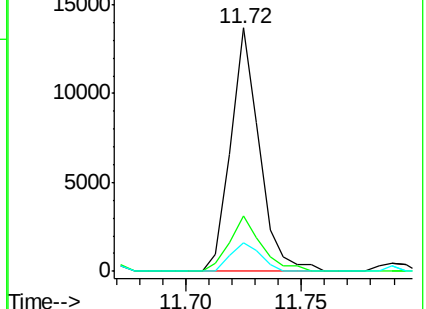
139 11.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 32.469 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107237.D

Acq: 9 Jul 2018 19:01

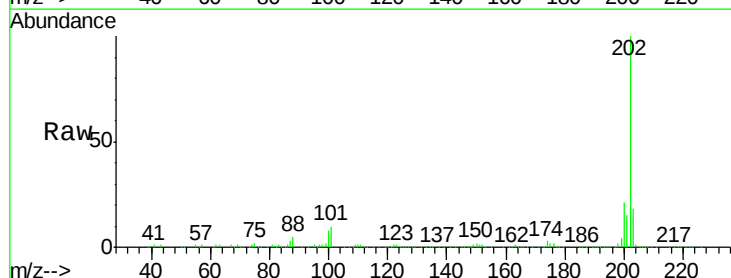
Tgt Ion:202 Resp: 211872

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

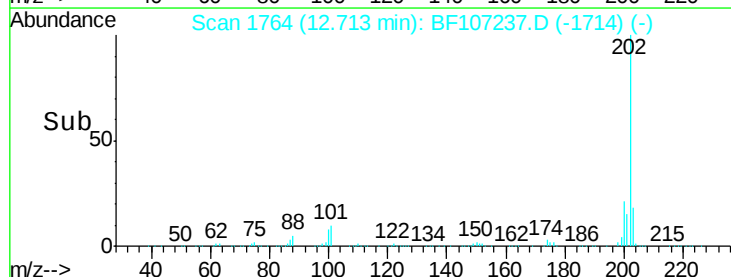
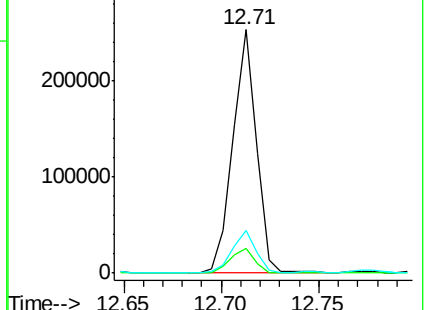
203 17.8 0.0 38.1

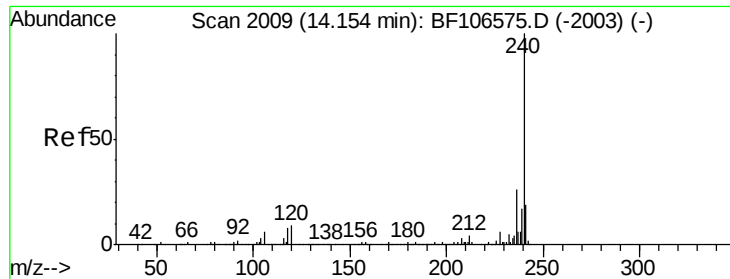


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF107237.D

Acq: 9 Jul 2018 19:01

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-4

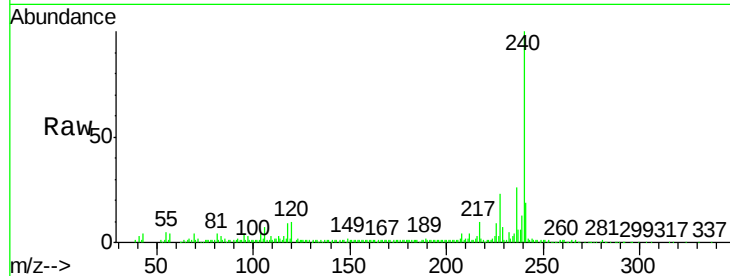
Tgt Ion:240 Resp: 95219

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

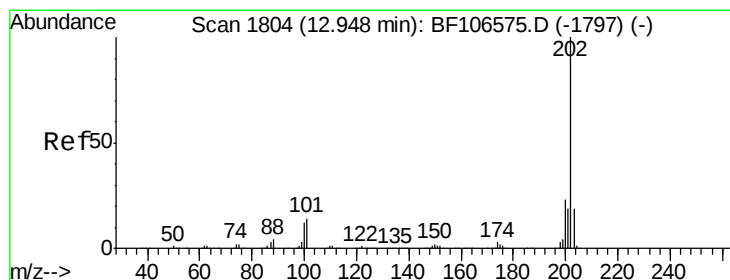
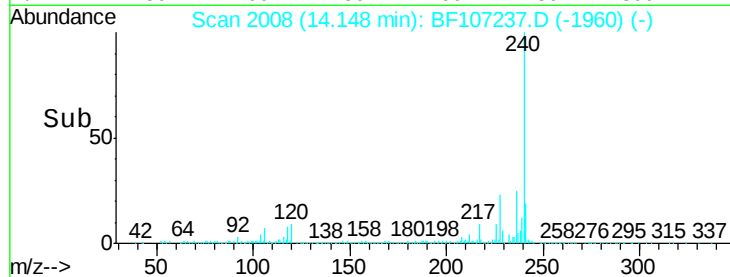
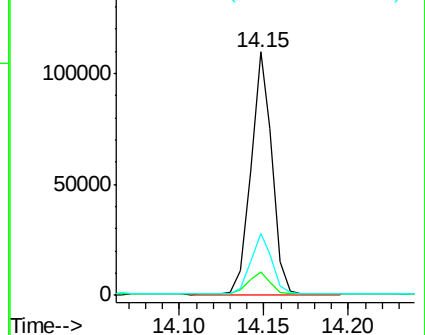
236 25.6 20.7 31.1



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: 35.181 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107237.D

Acq: 9 Jul 2018 19:01

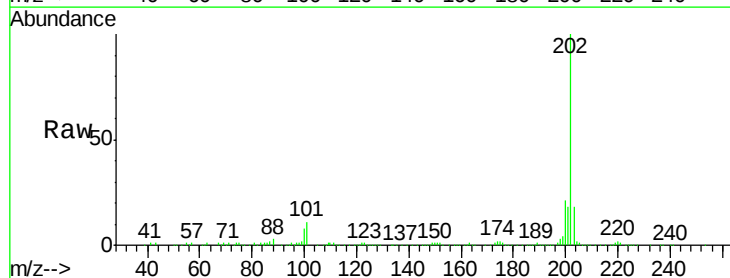
Tgt Ion:202 Resp: 220900

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

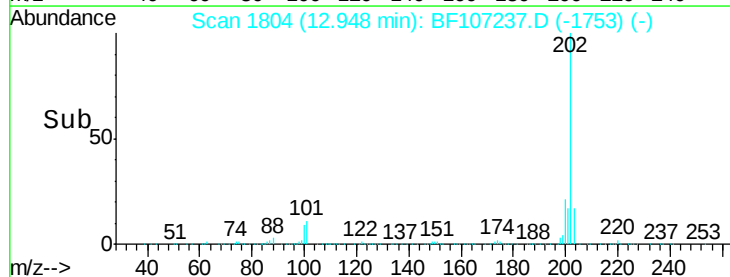
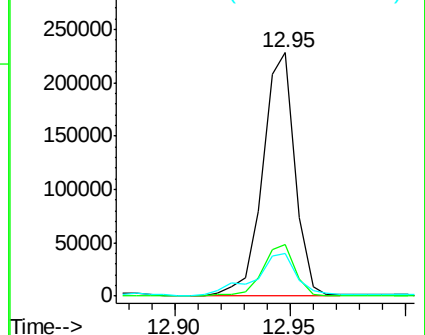
203 17.6 14.3 21.5

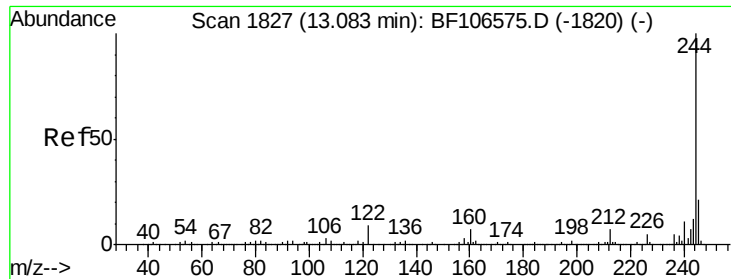


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

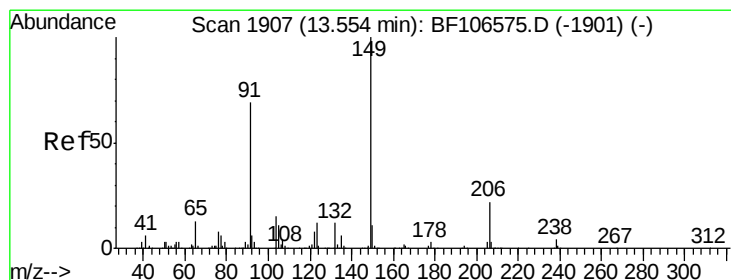
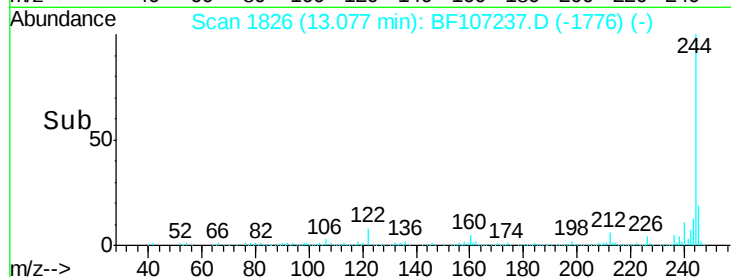
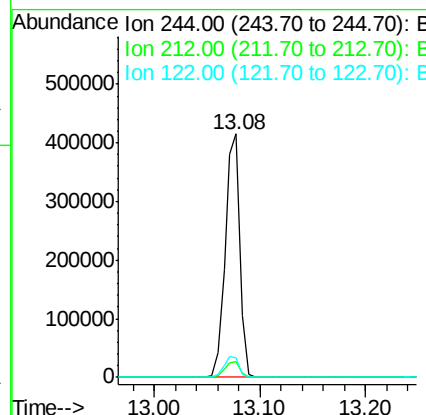
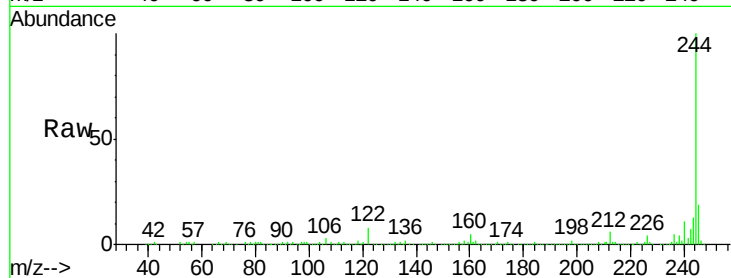




#78
 Terphenyl-d14
 Concen: 102.654 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107237.D
 Acq: 9 Jul 2018 19:01

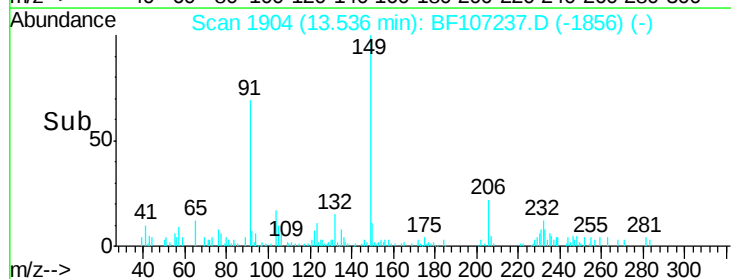
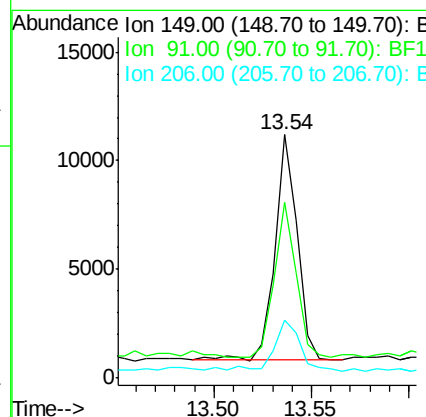
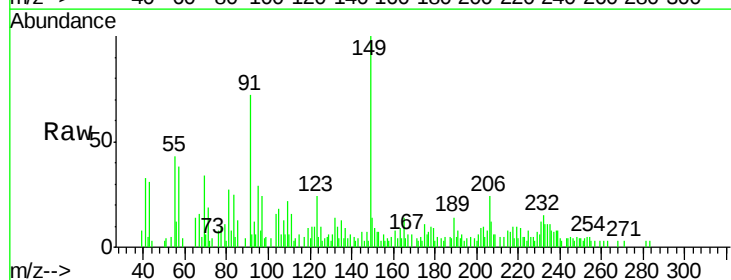
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-4

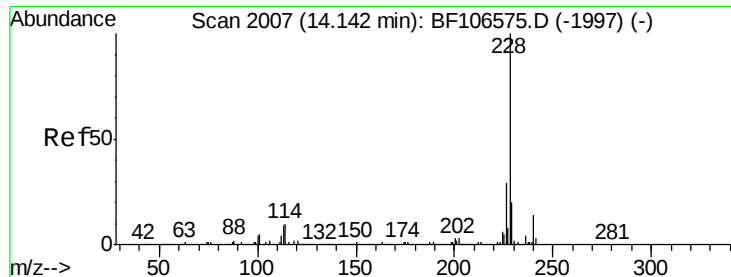
Tgt Ion:244 Resp: 403528
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.1 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 3.145 ng
 RT: 13.54 min Scan# 1904
 Delta R.T. -0.02 min
 Lab File: BF107237.D
 Acq: 9 Jul 2018 19:01

Tgt Ion:149 Resp: 8120
 Ion Ratio Lower Upper
 149 100
 91 72.4 56.8 85.2
 206 23.8 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 17.686 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF107237.D

Acq: 9 Jul 2018 19:01

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-4

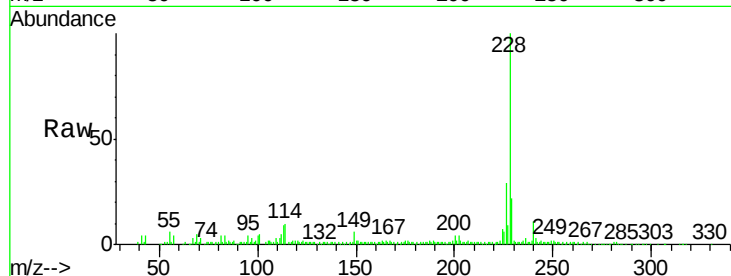
Tgt Ion:228 Resp: 102637

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

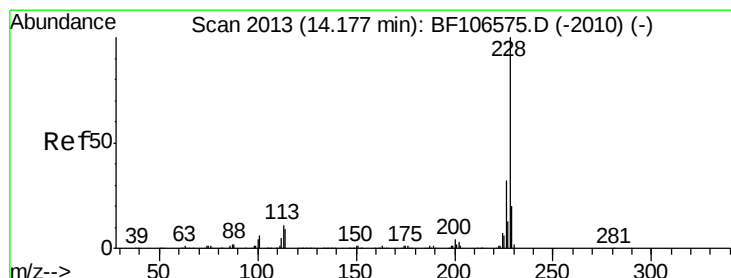
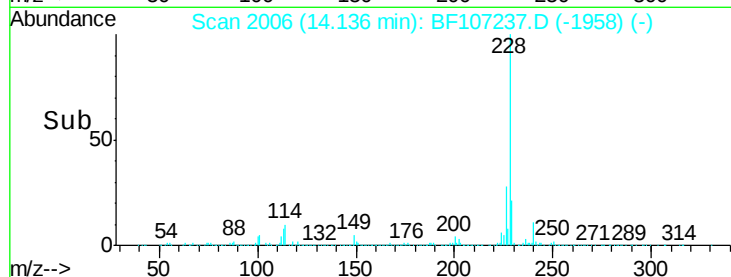
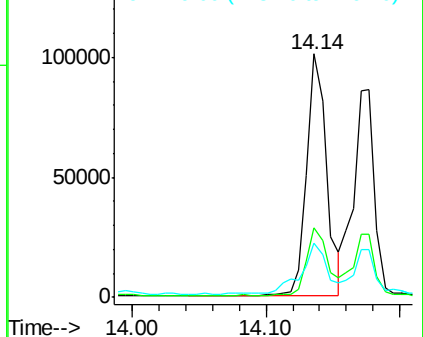
229 22.2 15.8 23.6



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: 17.611 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF107237.D

Acq: 9 Jul 2018 19:01

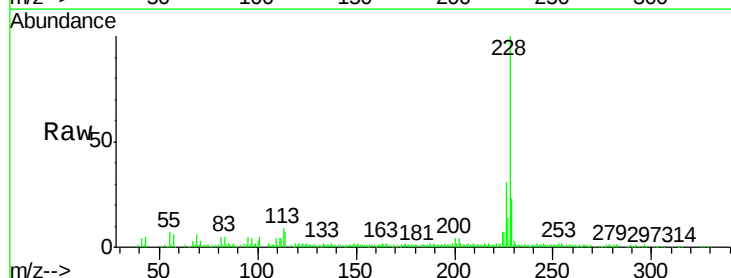
Tgt Ion:228 Resp: 94023

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

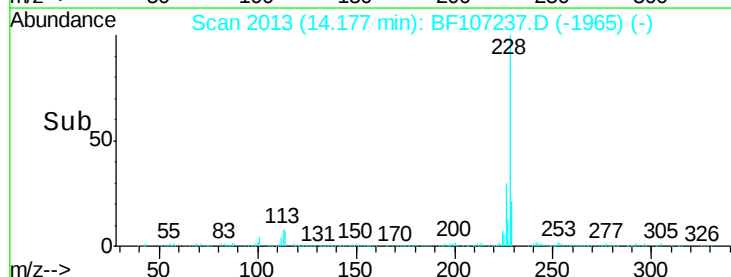
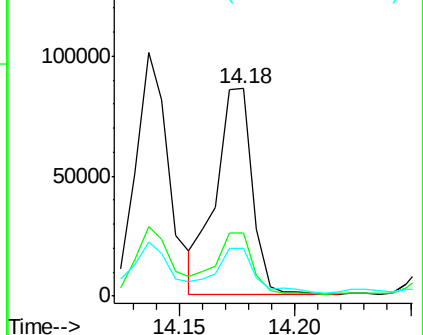
229 22.8 16.2 24.4

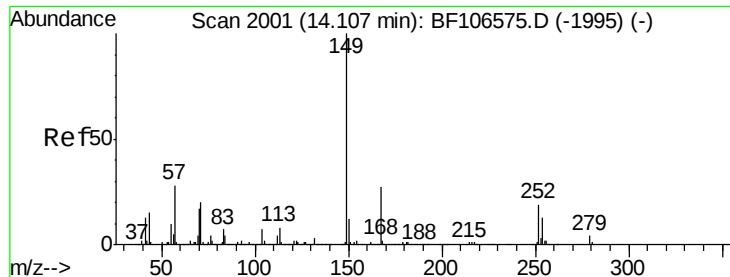


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

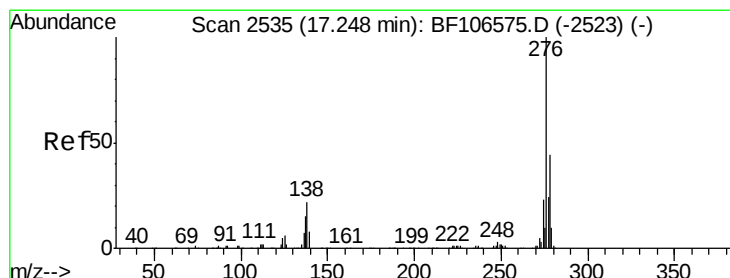
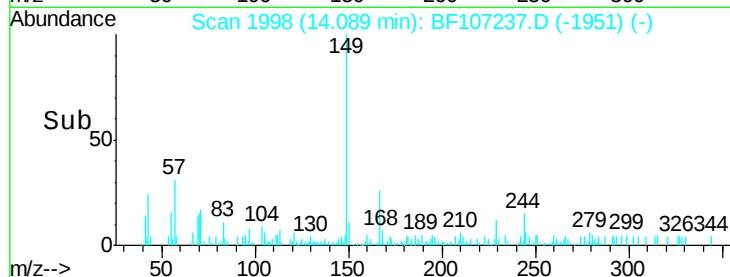
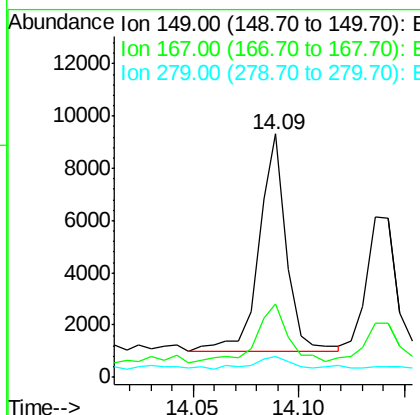
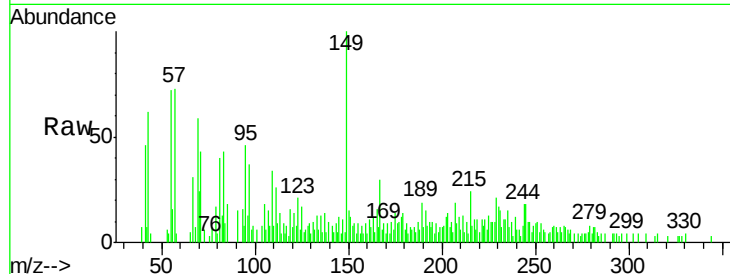




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.245 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF107237.D
 Acq: 9 Jul 2018 19:01

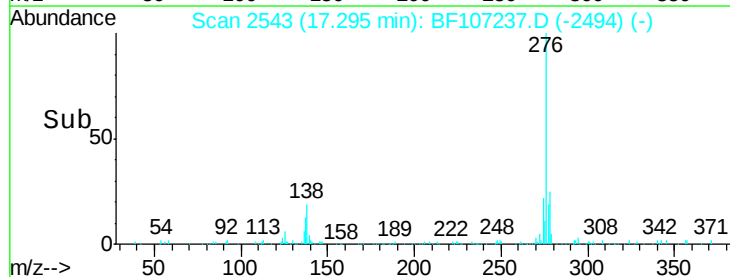
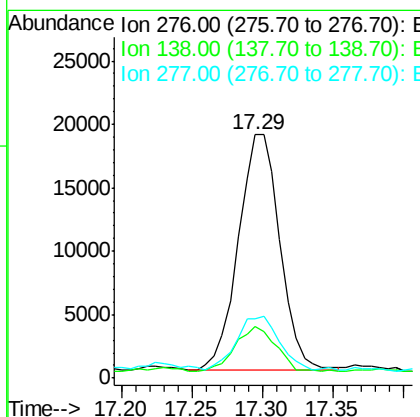
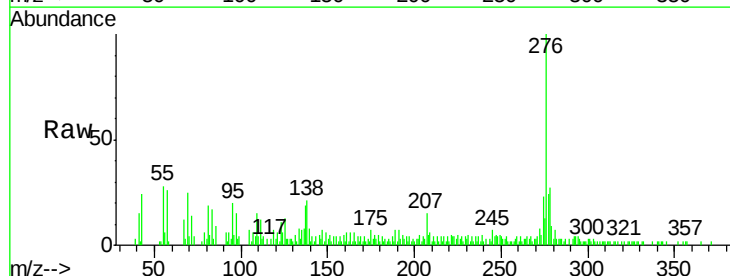
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-4

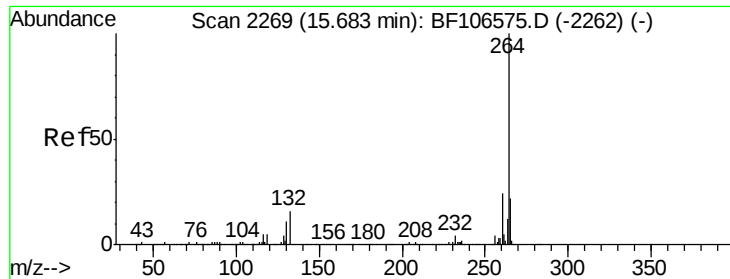
Tgt Ion:149 Resp: 7411
 Ion Ratio Lower Upper
 149 100
 167 30.2 21.3 31.9
 279 8.4 3.0 4.4#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.451 ng
 RT: 17.29 min Scan# 2543
 Delta R.T. -0.01 min
 Lab File: BF107237.D
 Acq: 9 Jul 2018 19:01

Tgt Ion:276 Resp: 38288
 Ion Ratio Lower Upper
 276 100
 138 18.7 25.0 37.6#
 277 24.1 20.1 30.1

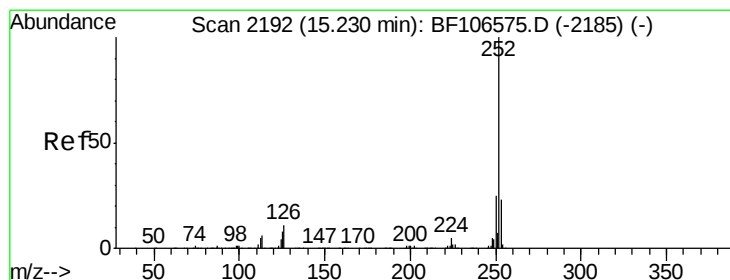
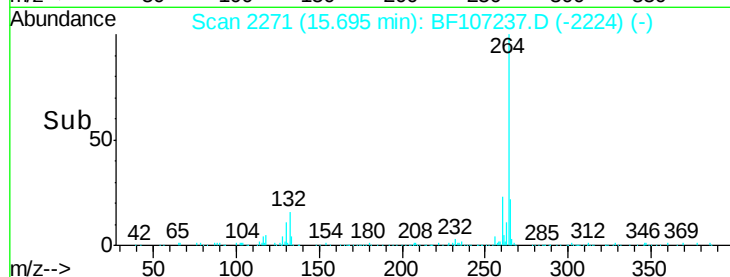
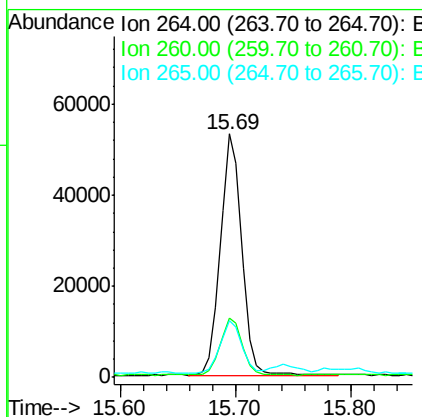
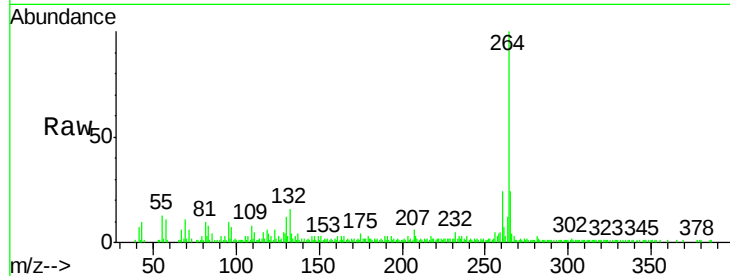




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

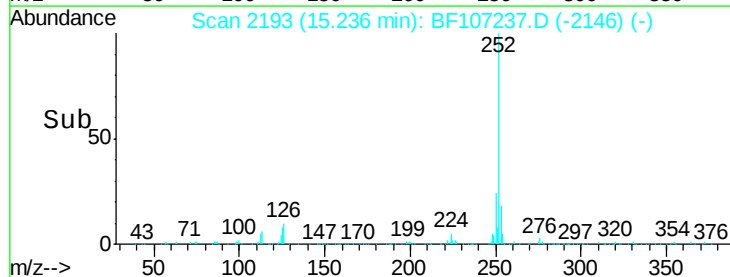
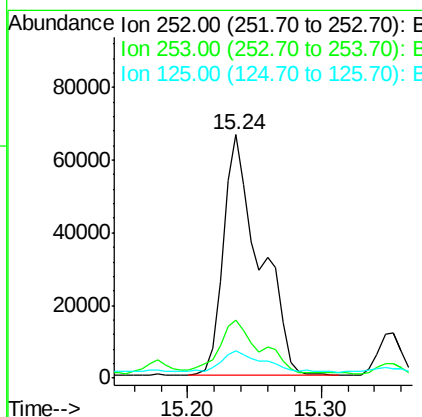
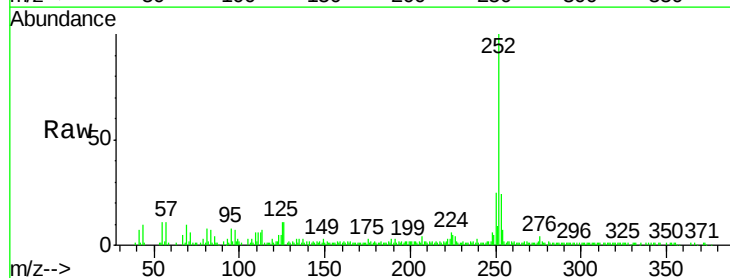
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-4

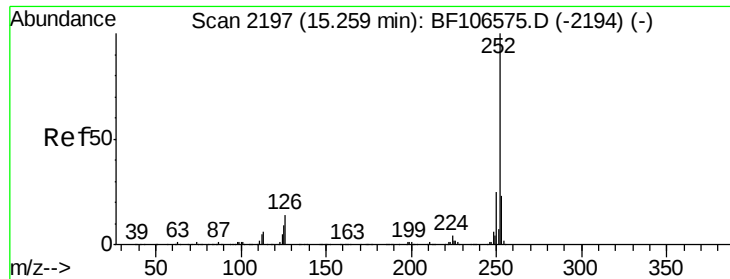
Tgt Ion:264 Resp: 68671
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 23.6 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 29.613 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

Tgt Ion:252 Resp: 126322
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 11.2 9.0 13.6

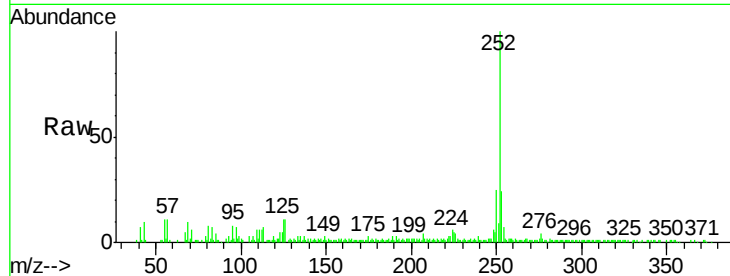




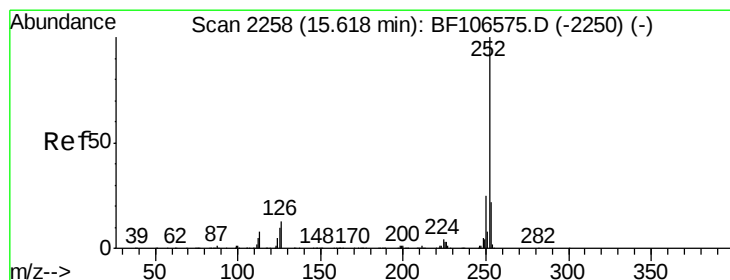
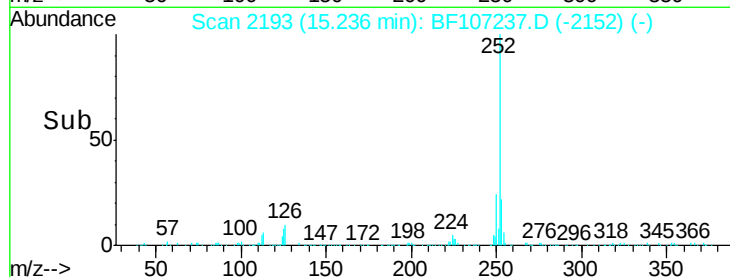
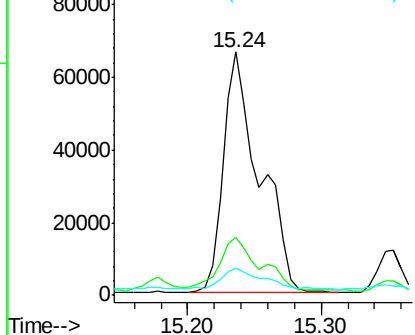
#88
Benzo(k)fluoranthene
Concen: 31.096 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-4

Tgt Ion:252 Resp: 126322
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 11.2 10.2 15.2

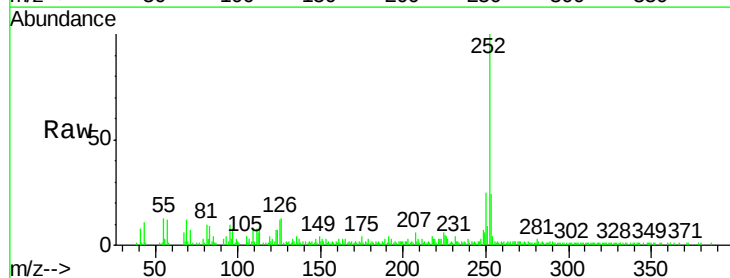


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

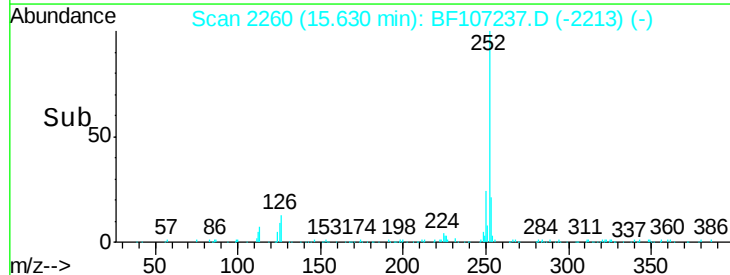
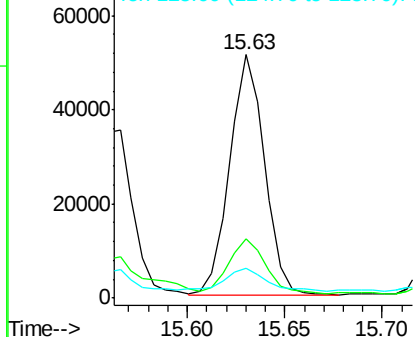


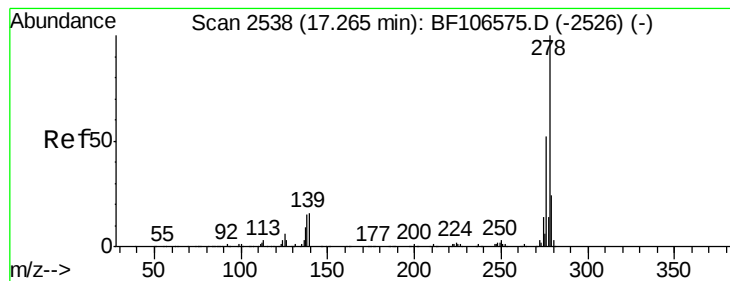
#89
Benzo(a)pyrene
Concen: 16.813 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF107237.D
Acq: 9 Jul 2018 19:01

Tgt Ion:252 Resp: 63758
Ion Ratio Lower Upper
252 100
253 24.2 17.1 25.7
125 12.2 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: 3.693 ng

RT: 17.29 min Scan# 2543

Delta R.T. -0.03 min

Lab File: BF107237.D

Acq: 9 Jul 2018 19:01

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-4

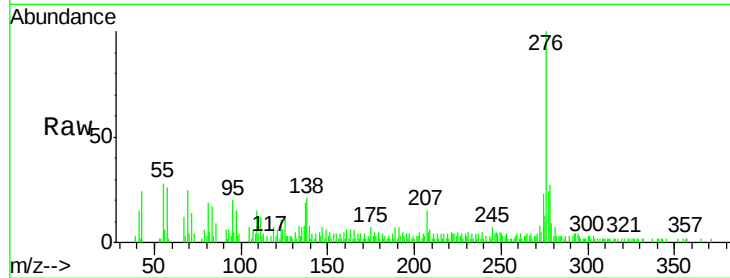
Tgt Ion:278 Resp: 11869

Ion Ratio Lower Upper

278 100

139 29.9 15.9 23.9#

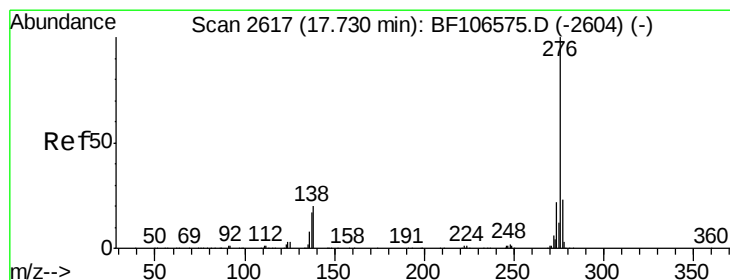
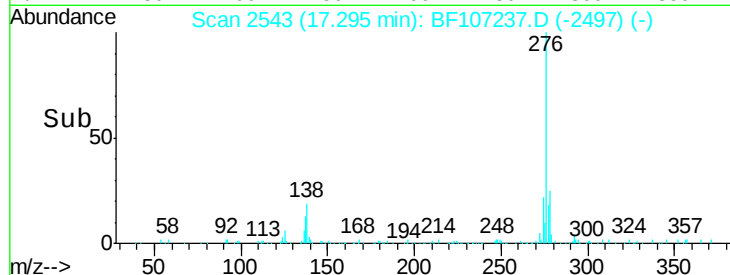
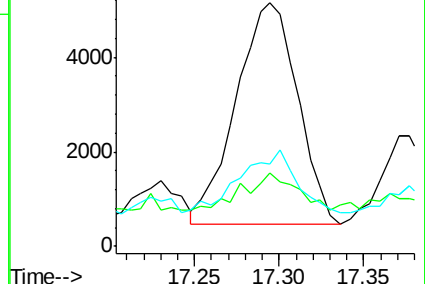
279 33.9 19.0 28.4#



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: 12.227 ng

RT: 17.79 min Scan# 2627

Delta R.T. 0.00 min

Lab File: BF107237.D

Acq: 9 Jul 2018 19:01

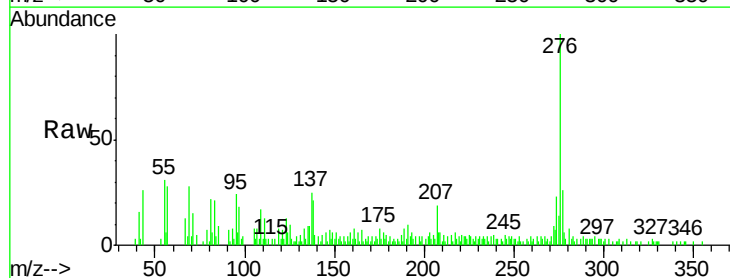
Tgt Ion:276 Resp: 38409

Ion Ratio Lower Upper

276 100

277 26.5 17.9 26.9

138 21.0 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

