

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107240.D
 Acq On : 9 Jul 2018 20:21
 Operator : JU/SJ
 Sample : J3879-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-7

Quant Time: Jul 10 01:09:11 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	37566	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	129917	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	58173	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	117339	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	90554	20.00	ng	-0.02
86) Perylene-d12	15.69	264	68508	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	216357	97.52	ng	0.00
7) Phenol-d6	6.60	99	260204	93.92	ng	-0.01
23) Nitrobenzene-d5	7.51	82	147362	63.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	66427	98.52	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	269425	77.01	ng	-0.02
78) Terphenyl-d14	13.08	244	337875	90.38	ng	0.00

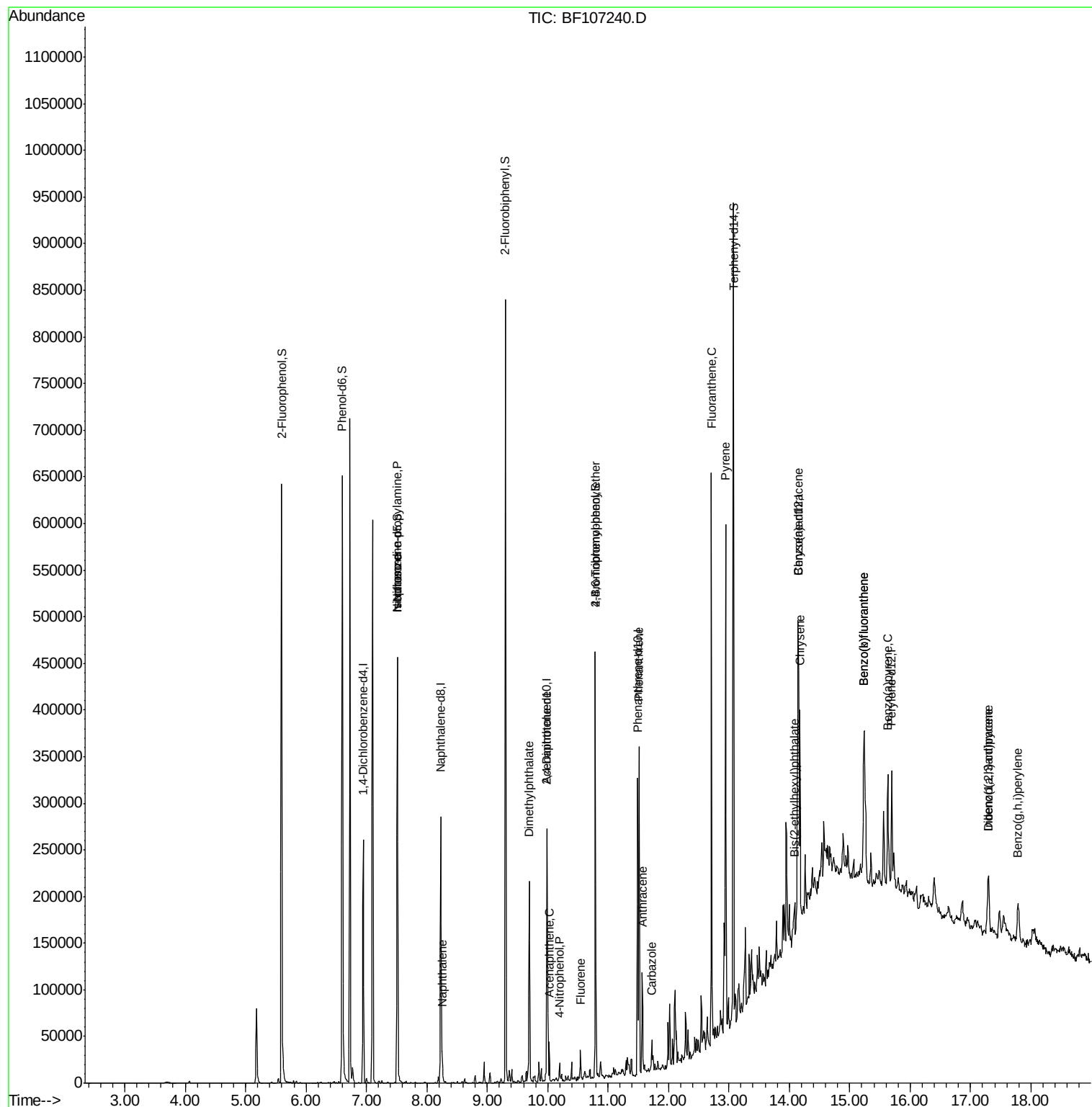
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.51	70	18690	10.234	ng	# 74
25) Isophorone	7.51	82	147360	35.772	ng	# 64
31) Naphthalene	8.25	128	12499	2.058	ng	98
49) Dimethylphthalate	9.70	163	85014	19.485	ng	97
51) Acenaphthene	10.02	154	7905	2.179	ng	97
55) 4-Nitrophenol	10.20	139	3128	4.215	ng	# 9
56) 2,4-Dinitrotoluene	9.99	165	7936	6.581	ng	# 21
57) Fluorene	10.54	166	9377	2.379	ng	# 96
66) 4-Bromophenyl-phenylether	10.79	248	4020	2.871	ng	# 1
70) Phenanthrene	11.51	178	135151	23.880	ng	99
71) Anthracene	11.57	178	41584	7.199	ng	98
72) Carbazole	11.72	167	13686	2.531	ng	96
74) Fluoranthene	12.71	202	244695	39.227	ng	96
77) Pyrene	12.95	202	228931	38.338	ng	100
80) Benzo(a)anthracene	14.14	228	102983	18.660	ng	98
82) Chrysene	14.18	228	93995	18.512	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	9367	2.984	ng	# 89
85) Indeno(1,2,3-cd)pyrene	17.29	276	42605	9.888	ng	# 86
87) Benzo(b)fluoranthene	15.24	252	124175	29.179	ng	96
88) Benzo(k)fluoranthene	15.24	252	124175	30.640	ng	97
89) Benzo(a)pyrene	15.63	252	66000	17.446	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	11400	3.556	ng	# 84
91) Benzo(g,h,i)perylene	17.79	276	41058	13.102	ng	# 87

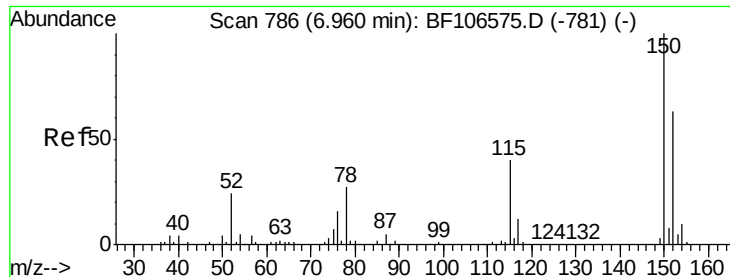
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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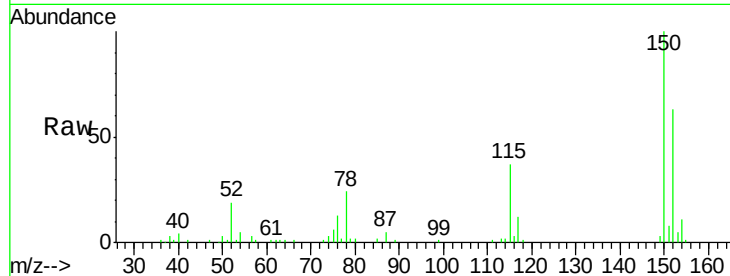


#1

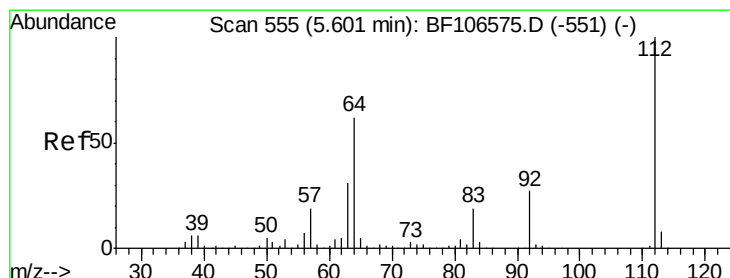
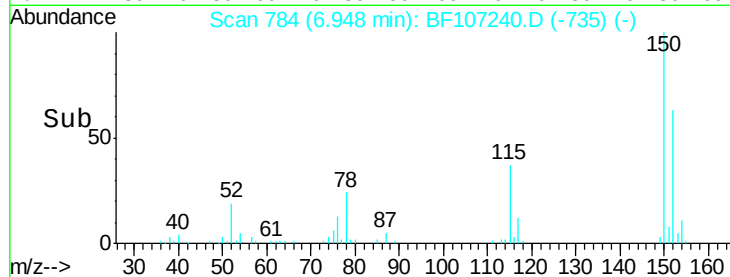
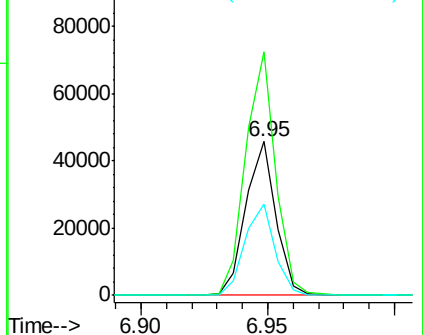
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

Tgt Ion:152 Resp: 37566
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 59.4 50.1 75.1



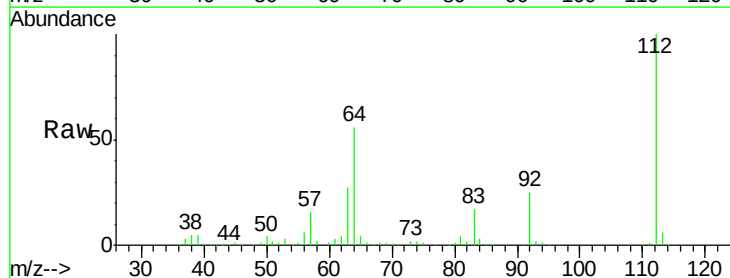
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



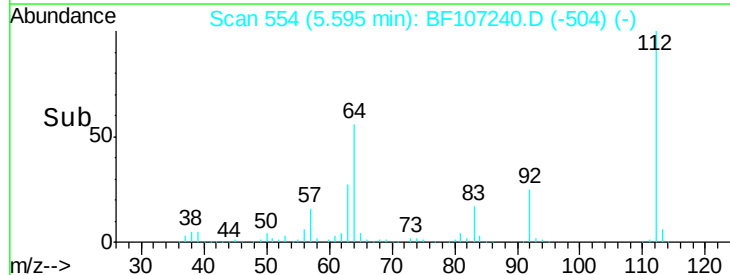
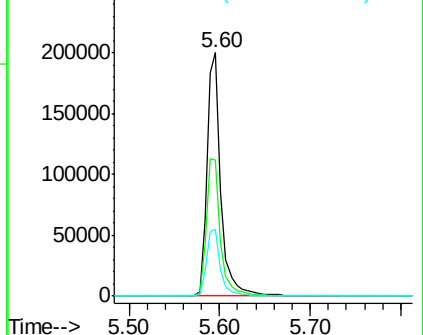
#5

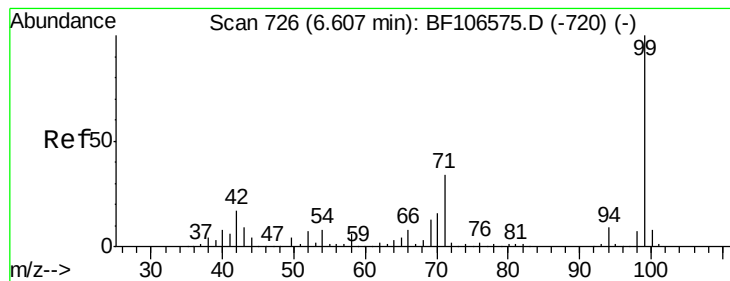
2-Fluorophenol
Concen: 97.525 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Tgt Ion:112 Resp: 216357
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 27.3 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: 93.921 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-7

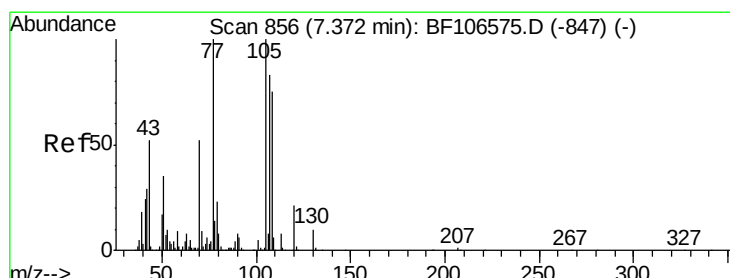
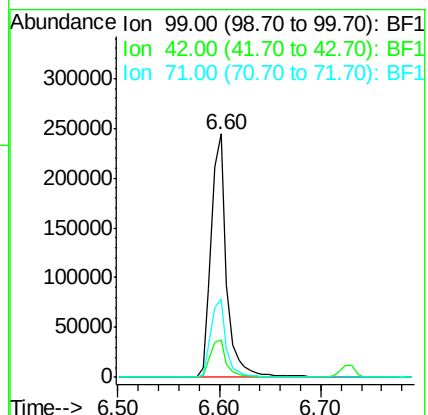
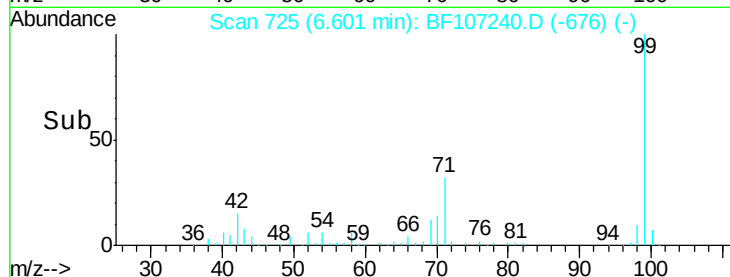
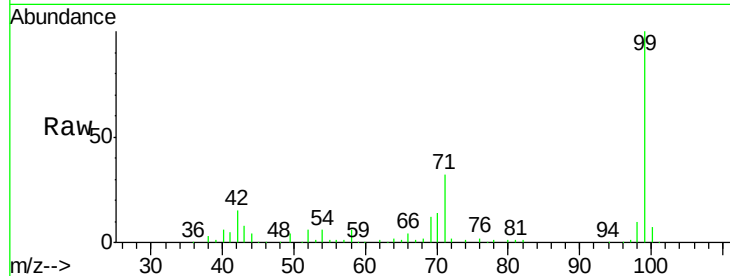
Tgt Ion: 99 Resp: 260204

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 32.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.234 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Tgt Ion: 70 Resp: 18690

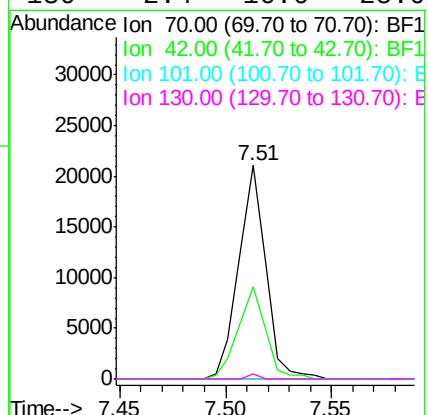
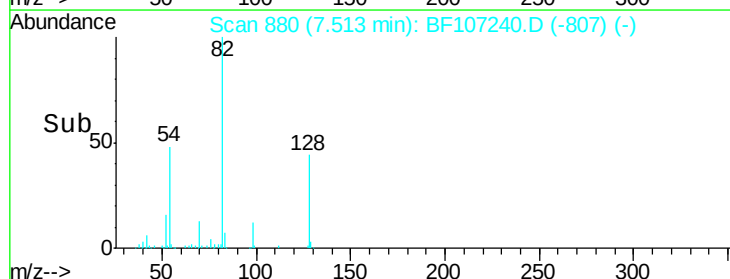
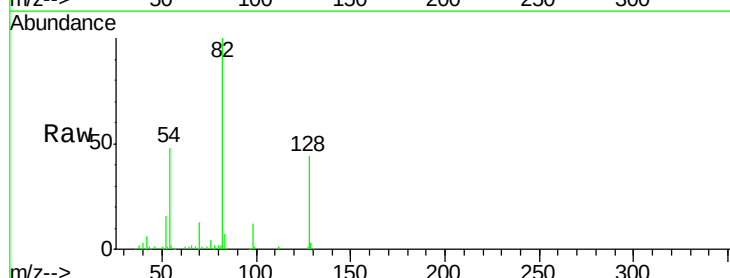
Ion Ratio Lower Upper

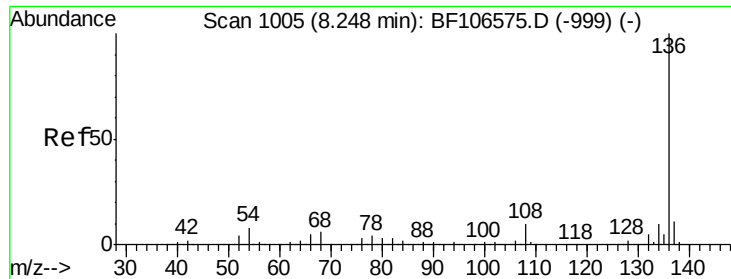
70 100

42 43.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

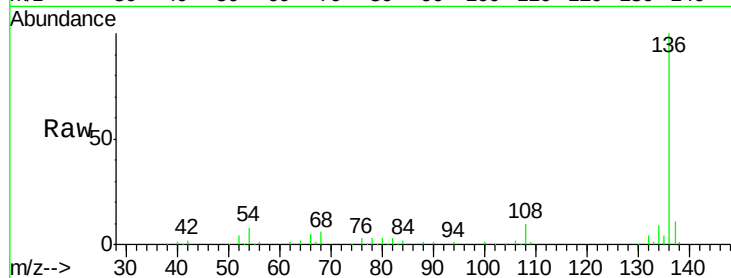




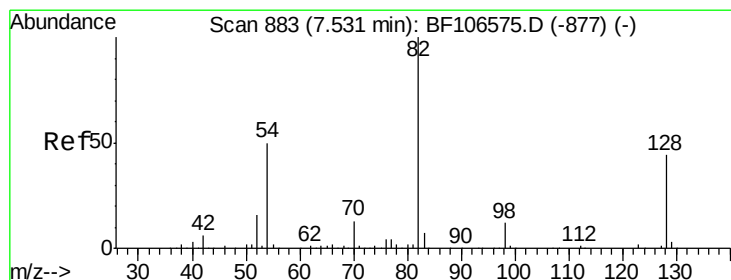
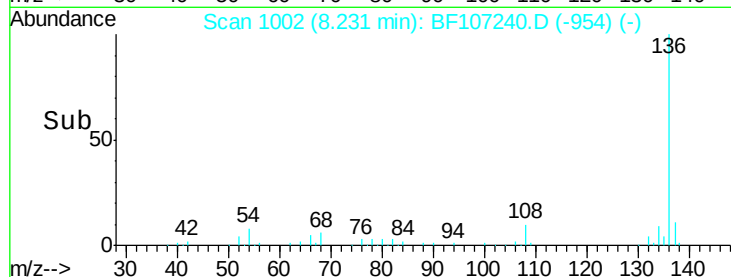
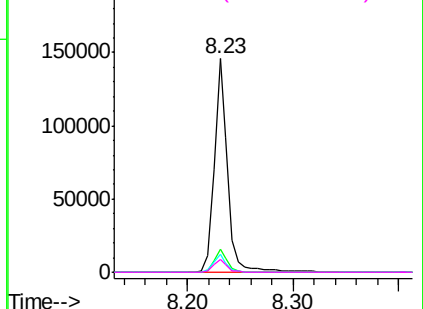
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

Tgt Ion:	136	Resp:	129917
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4

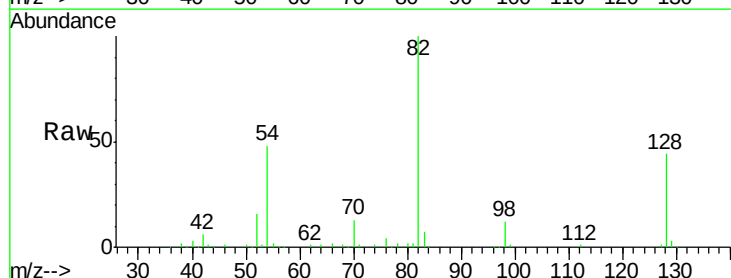


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

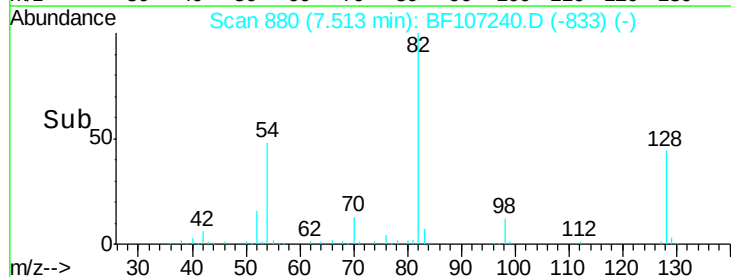
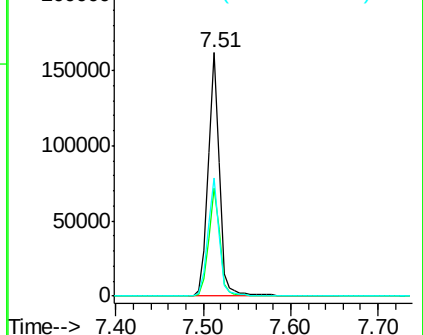


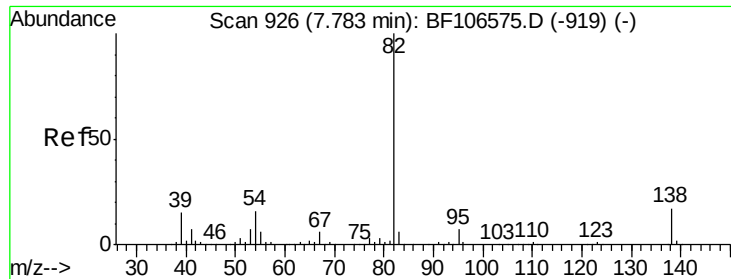
#23
Nitrobenzene-d5
Concen: 63.036 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Tgt Ion:	82	Resp:	147362
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	48.5	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: 35.772 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-7

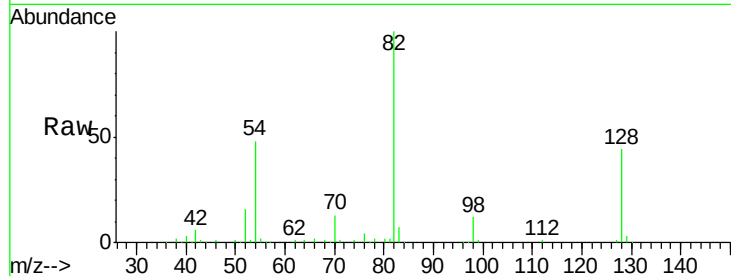
Tgt Ion: 82 Resp: 147360

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

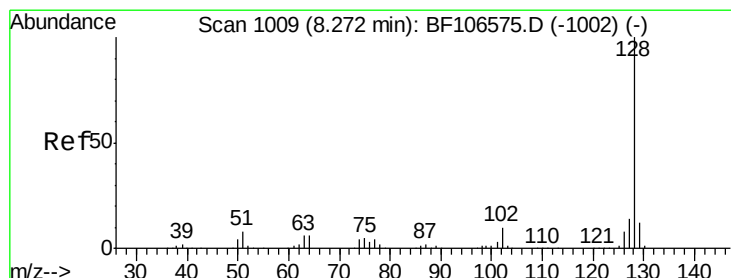
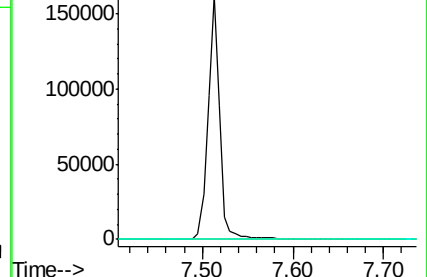
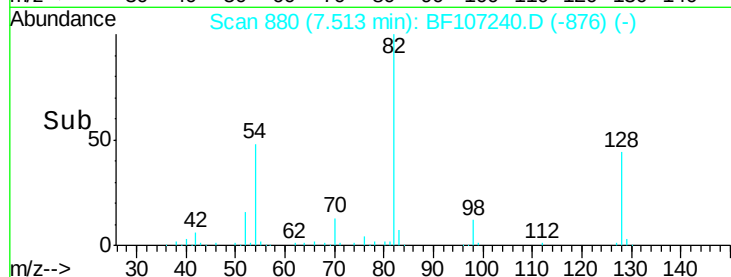
138 0.0 14.9 22.3#



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: 2.058 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

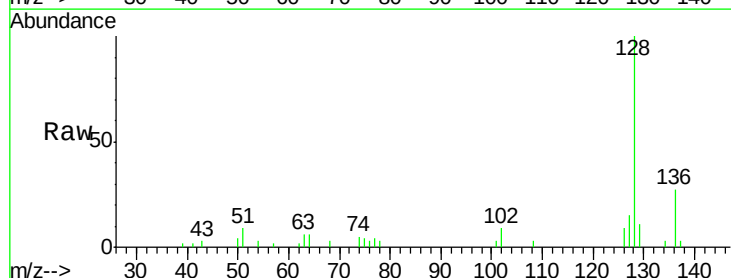
Tgt Ion: 128 Resp: 12499

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

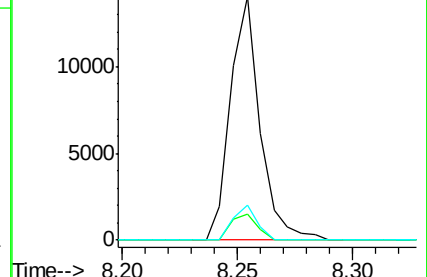
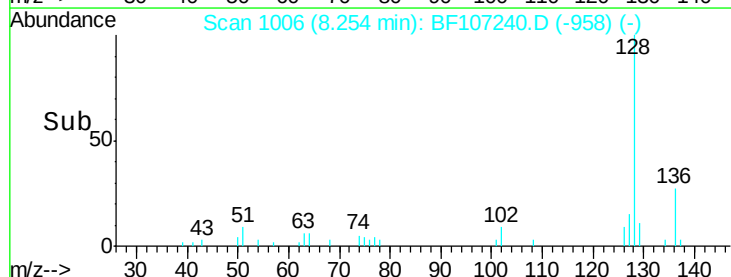
127 14.5 10.9 16.3

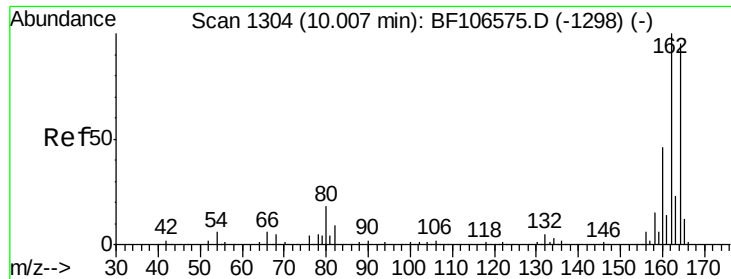


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

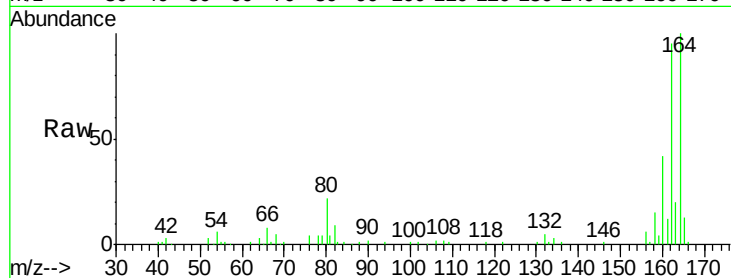




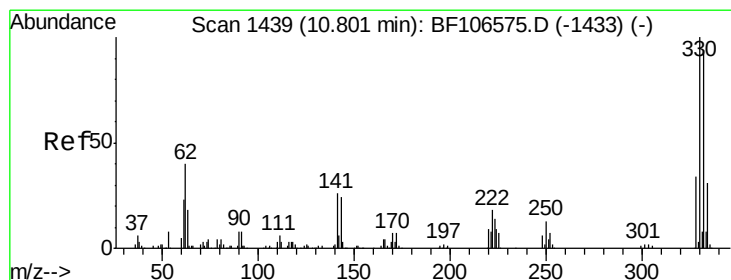
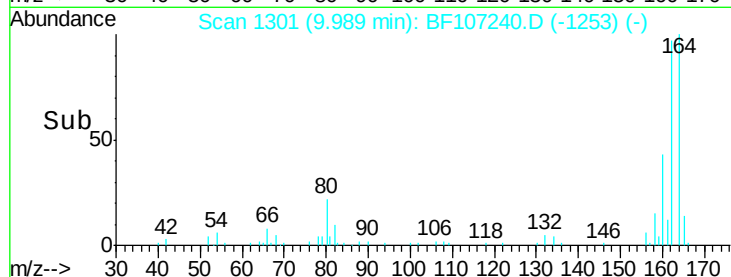
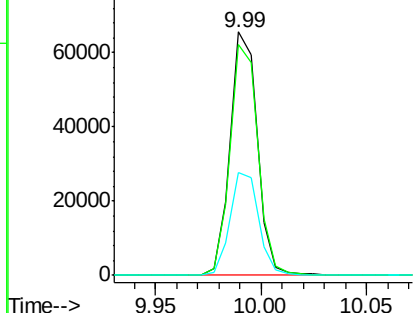
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107240.D
 Acq: 9 Jul 2018 20:21

Instrument :
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Tgt Ion:164 Resp: 58173
 Ion Ratio Lower Upper
 164 100
 162 94.9 86.1 129.1
 160 42.1 38.3 57.5

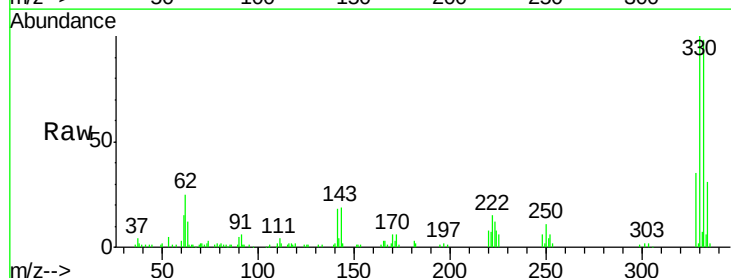


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

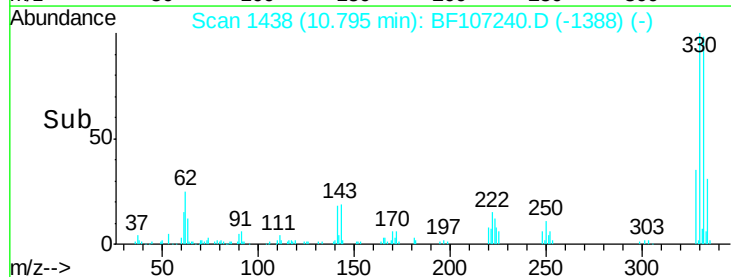
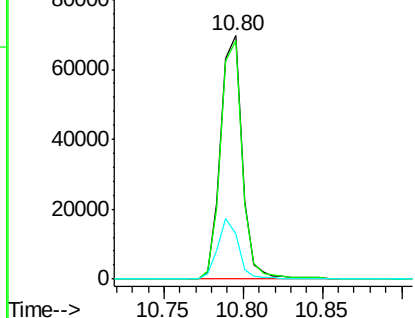


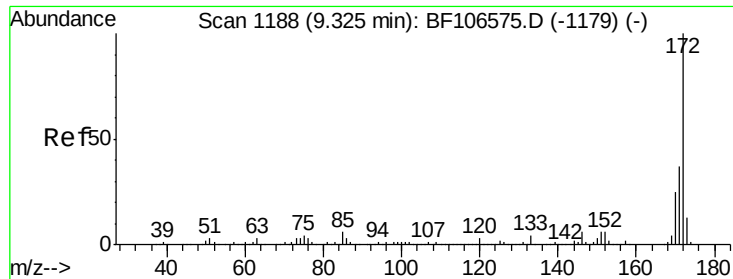
#41
 2,4,6-Tribromophenol
 Concen: 98.521 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107240.D
 Acq: 9 Jul 2018 20:21

Tgt Ion:330 Resp: 66427
 Ion Ratio Lower Upper
 330 100
 332 97.9 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

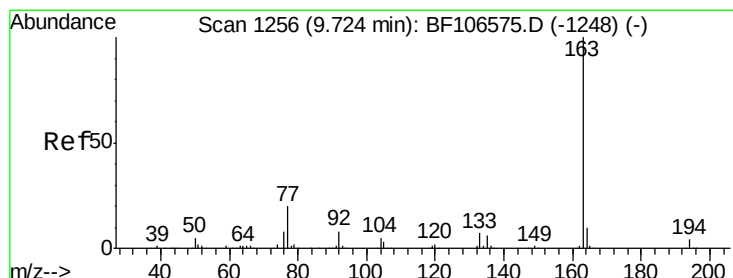
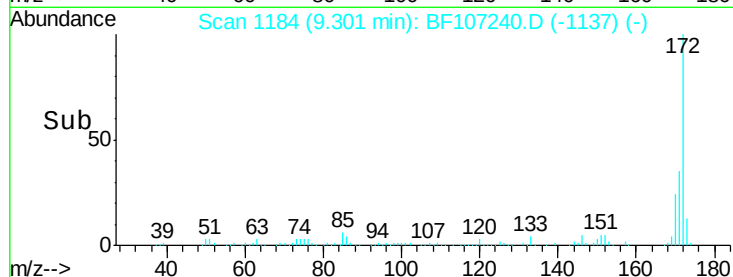
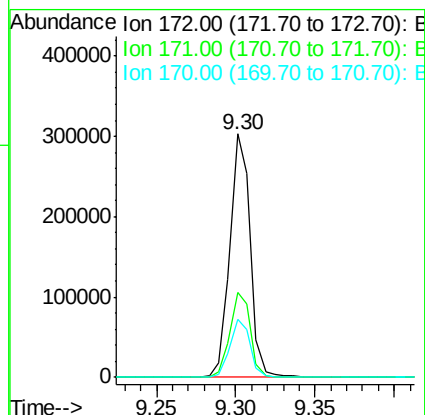
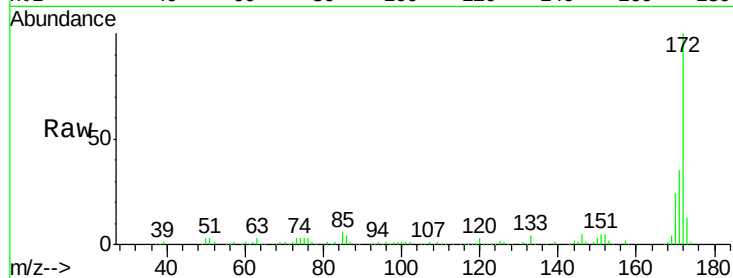




#44
2-Fluorobiphenyl
Concen: 77.006 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

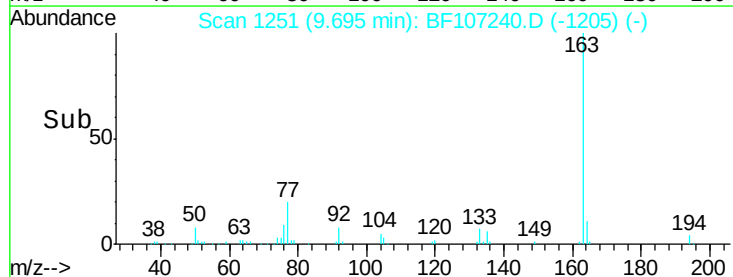
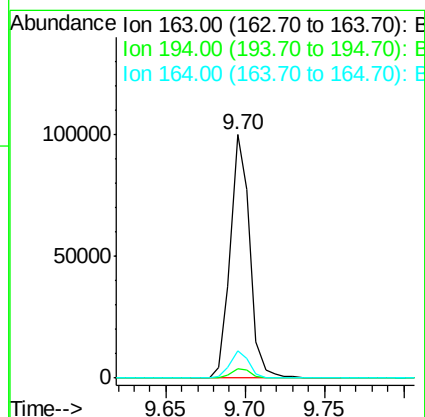
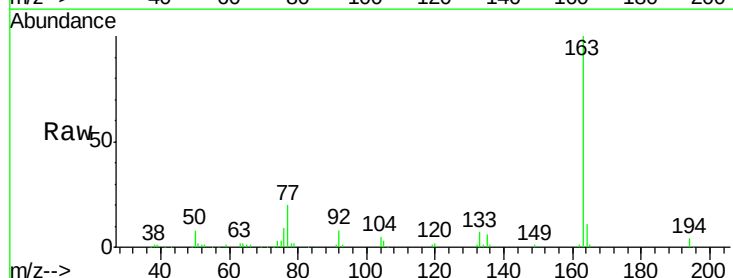
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

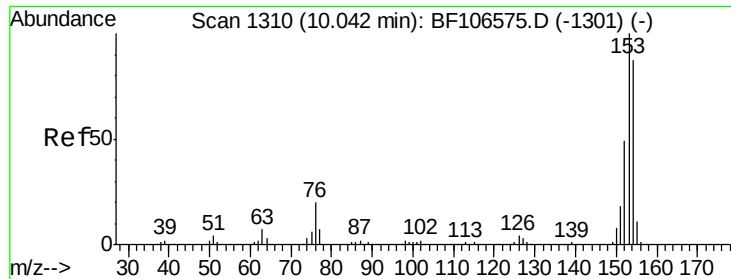
Tgt Ion:172 Resp: 269425
Ion Ratio Lower Upper
172 100
171 35.0 29.7 44.5
170 23.7 19.6 29.4



#49
Dimethylphthalate
Concen: 19.485 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Tgt Ion:163 Resp: 85014
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.5 8.2 12.2

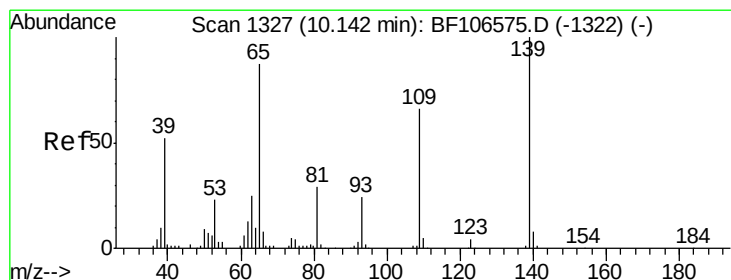
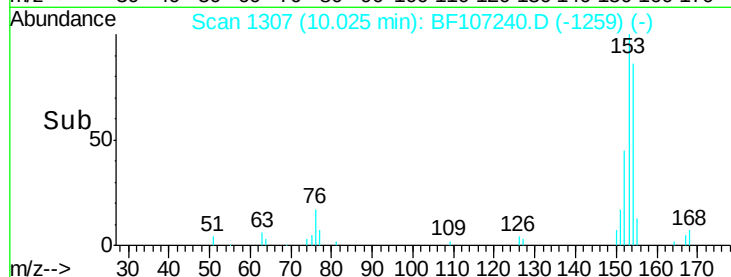
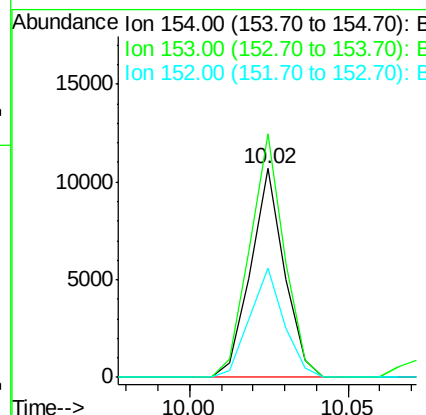
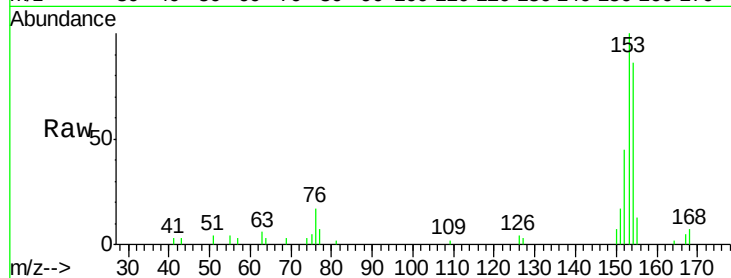




#51
Acenaphthene
Concen: 2.179 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

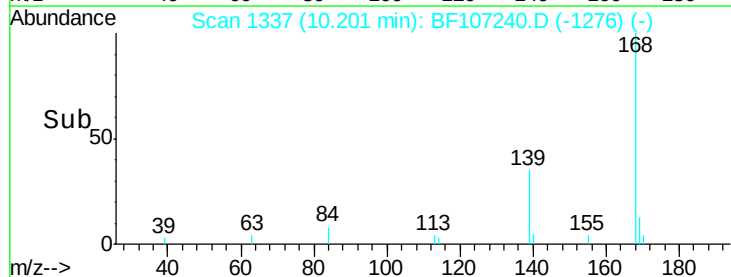
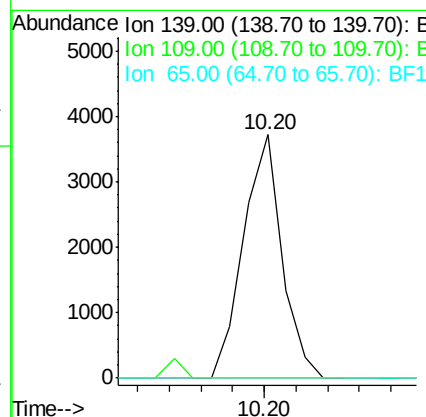
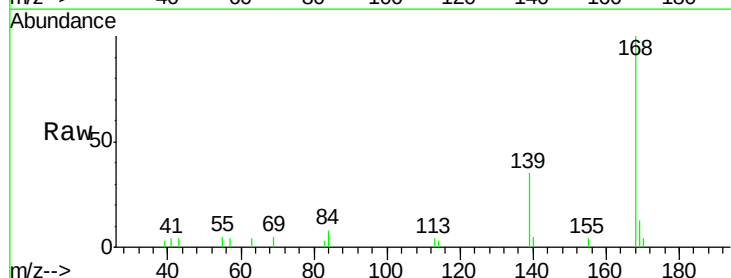
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

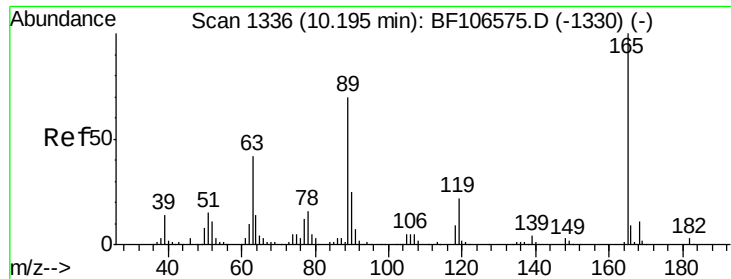
Tgt Ion:154 Resp: 7905
Ion Ratio Lower Upper
154 100
153 116.6 91.2 136.8
152 52.3 43.8 65.8



#55
4-Nitrophenol
Concen: 4.215 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.06 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Tgt Ion:139 Resp: 3128
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

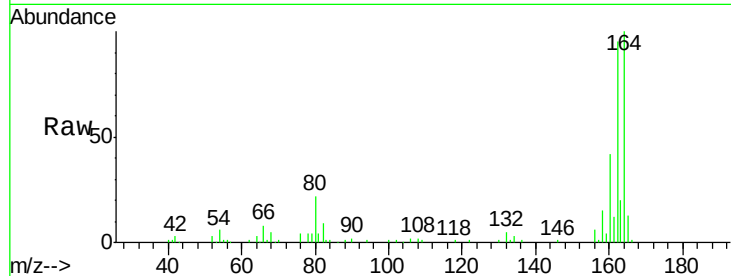




#56
2,4-Dinitrotoluene
Concen: 6.581 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

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#

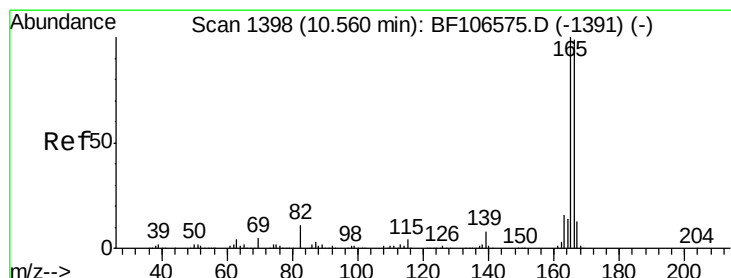
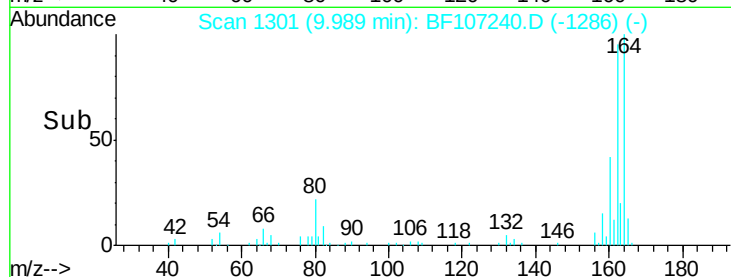
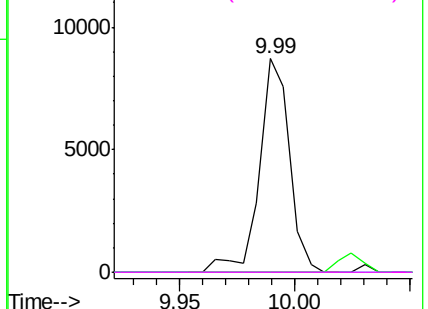


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

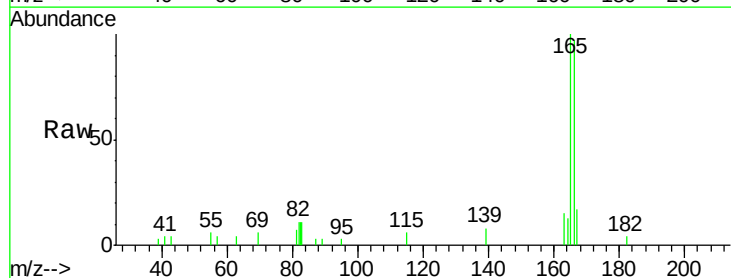
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 2.379 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

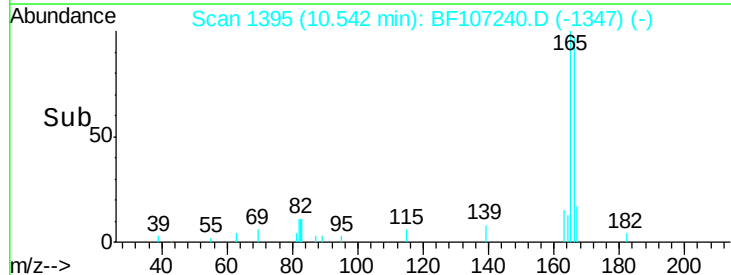
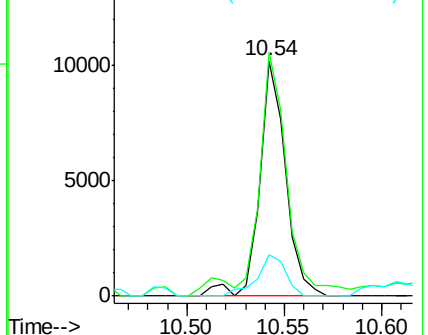
Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.5	79.8	119.8
167	17.5	10.6	16.0#

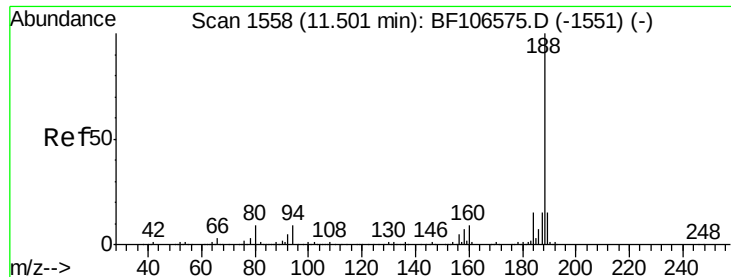


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

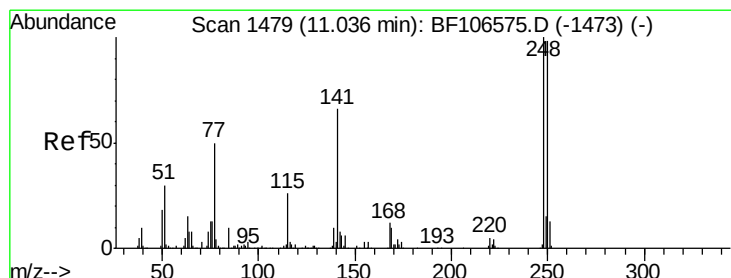
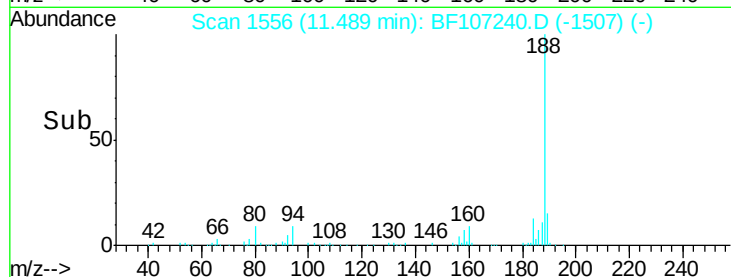
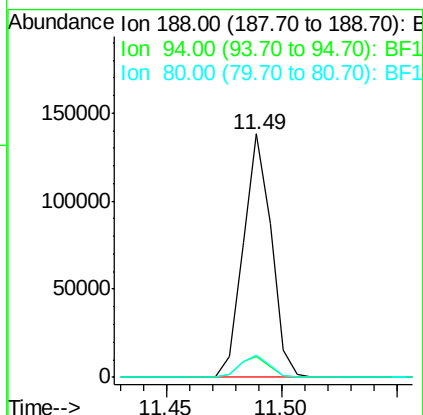
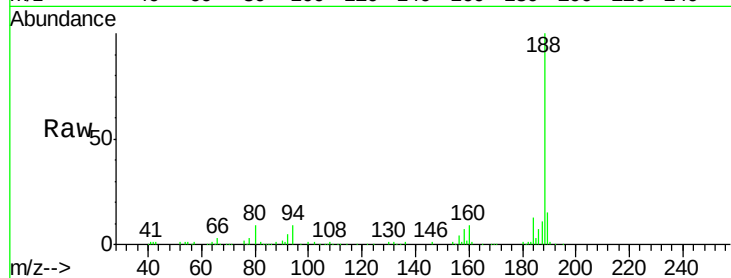




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

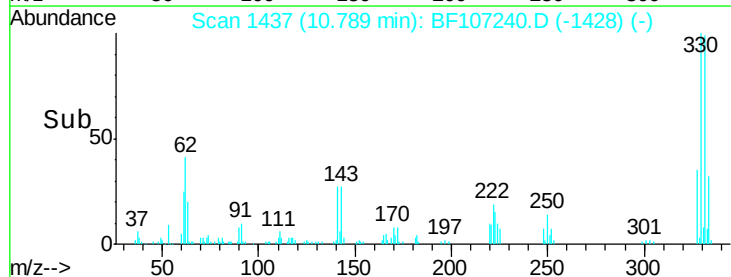
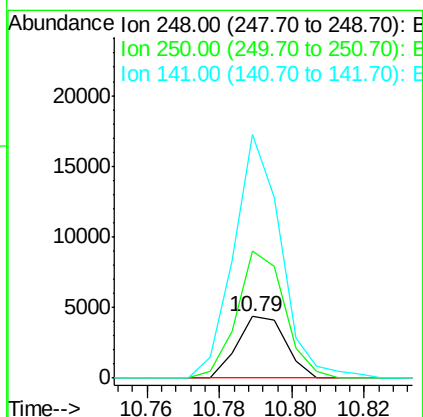
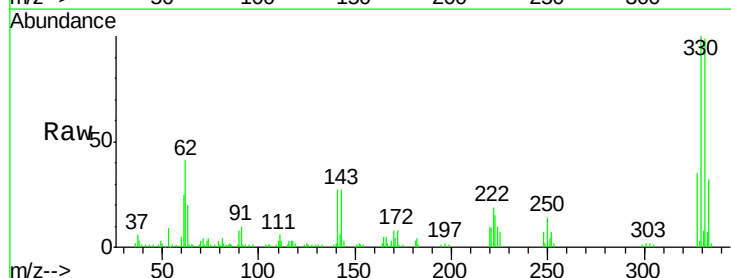
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

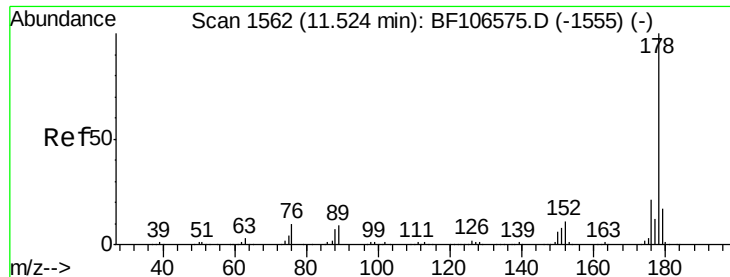
Tgt Ion:188 Resp: 117339
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.871 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Tgt Ion:248 Resp: 4020
Ion Ratio Lower Upper
248 100
250 208.2 76.9 115.3#
141 397.4 74.4 111.6#





#70

Phenanthrene

Concen: 23.880 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-7

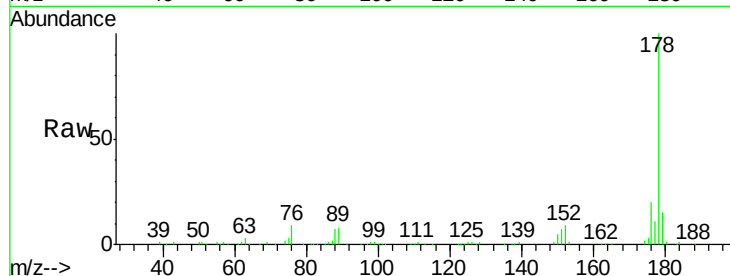
Tgt Ion:178 Resp: 135151

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

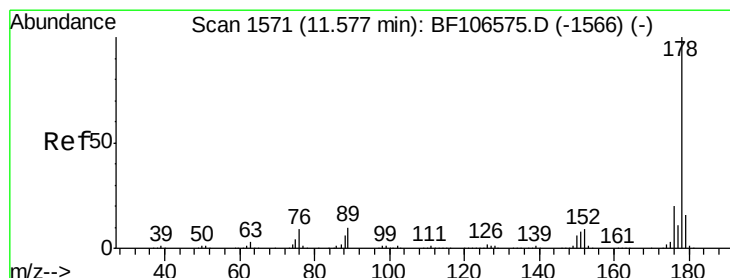
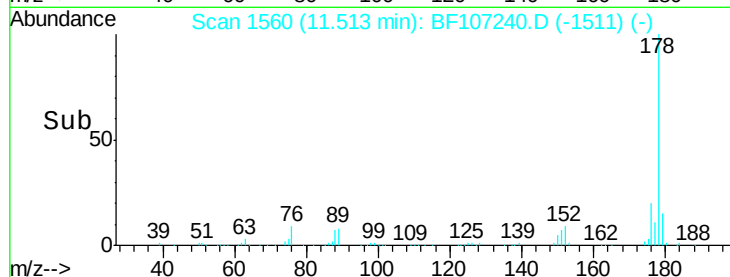
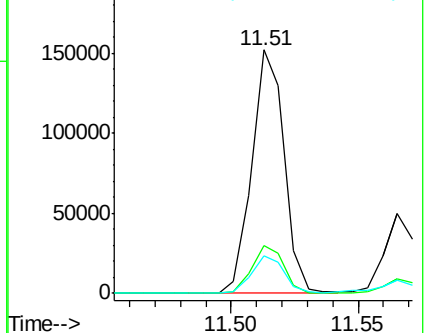
179 15.3 13.0 19.6



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: 7.199 ng

RT: 11.57 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

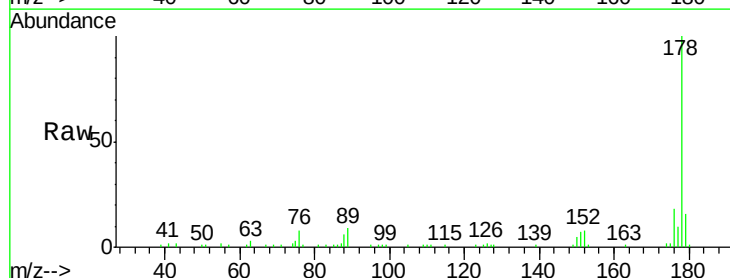
Tgt Ion:178 Resp: 41584

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

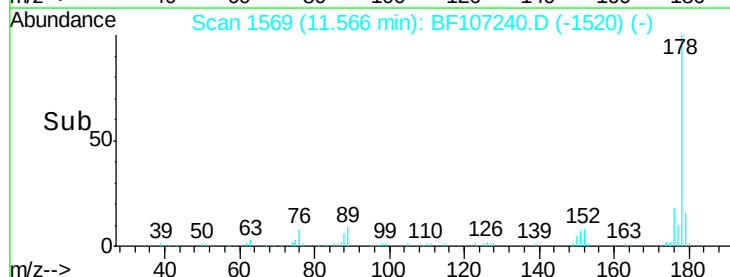
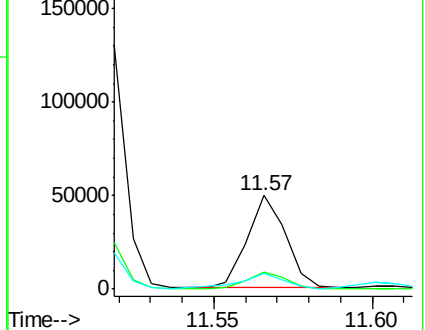
179 16.4 12.6 19.0

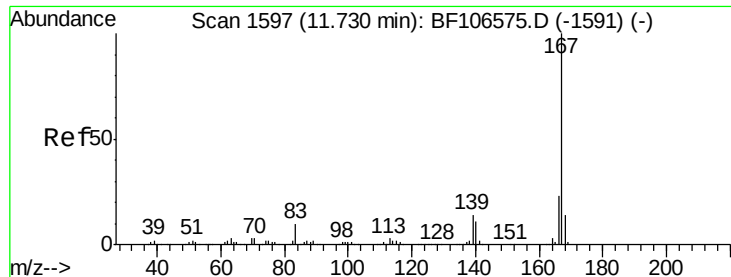


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.531 ng

RT: 11.72 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-7

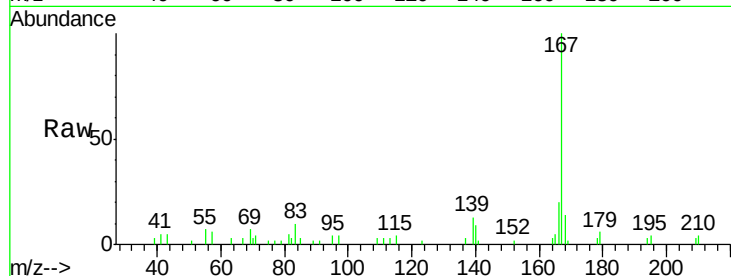
Tgt Ion:167 Resp: 13686

Ion Ratio Lower Upper

167 100

166 19.6 17.6 26.4

139 12.7 10.9 16.3

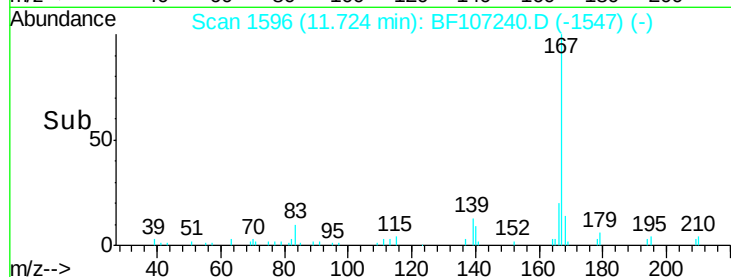


Abundance Ion 167.00 (166.70 to 167.70): E

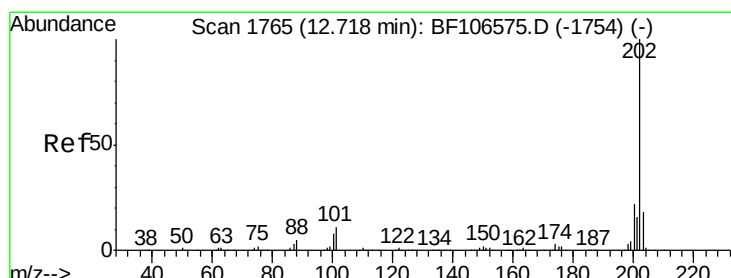
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



Time-->



#74

Fluoranthene

Concen: 39.227 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

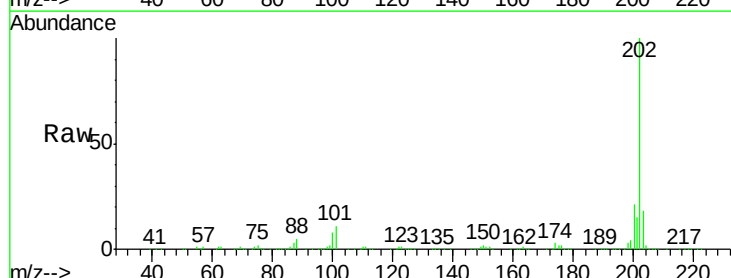
Tgt Ion:202 Resp: 244695

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.1

203 18.1 0.0 38.1

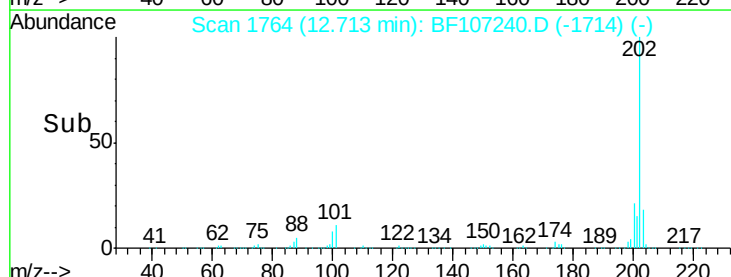


Abundance Ion 202.00 (201.70 to 202.70): E

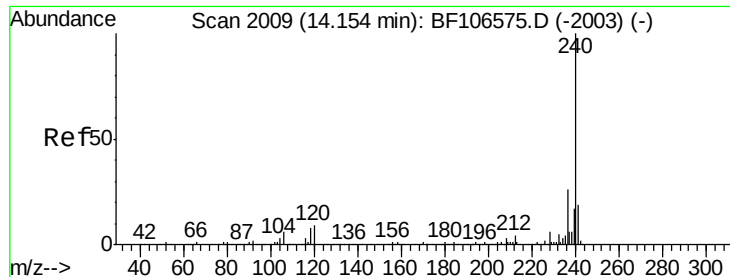
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-7

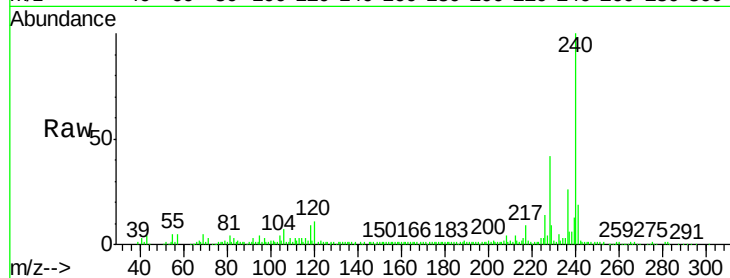
Tgt Ion:240 Resp: 90554

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

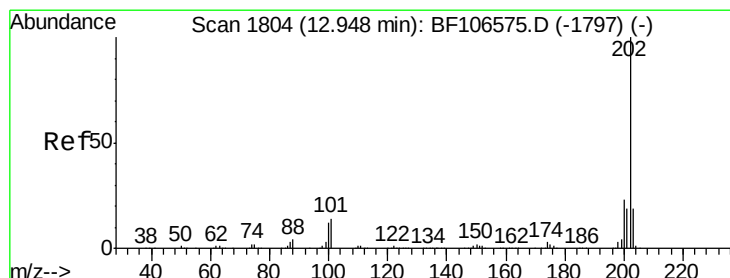
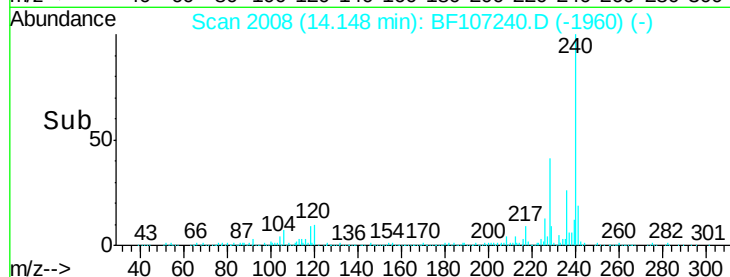
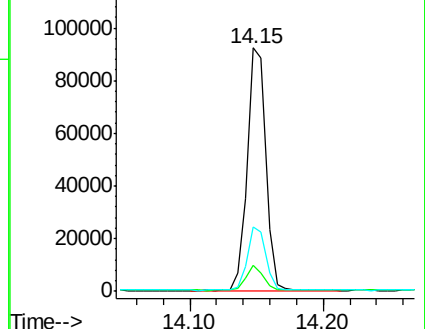
236 26.4 20.7 31.1



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: 38.338 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

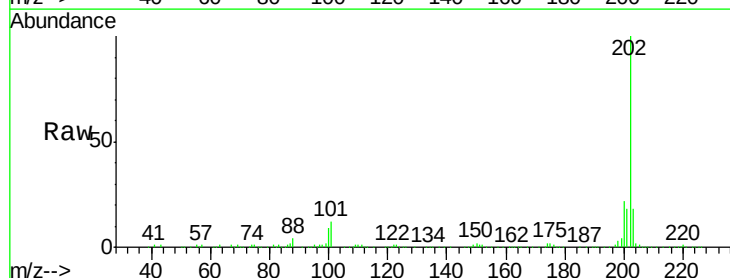
Tgt Ion:202 Resp: 228931

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

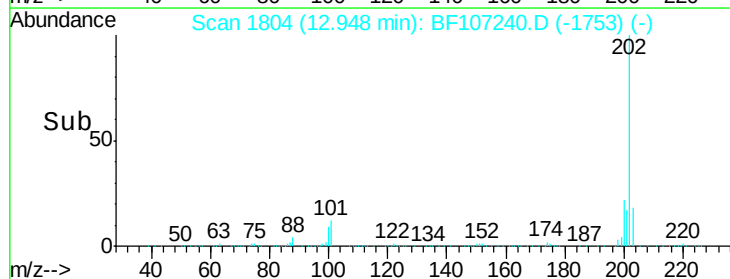
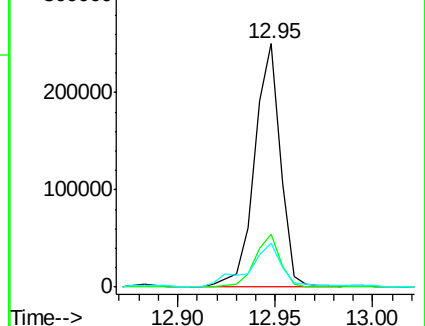
203 18.0 14.3 21.5

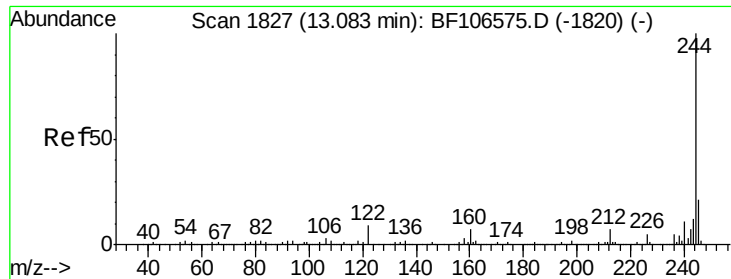


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

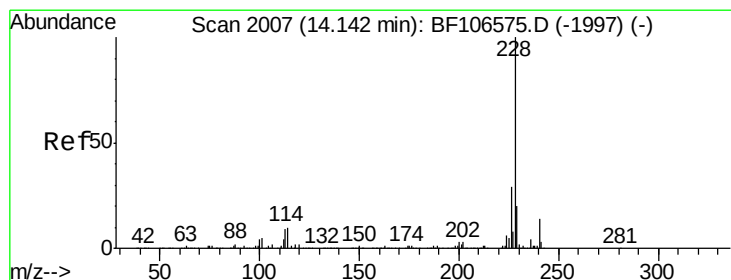
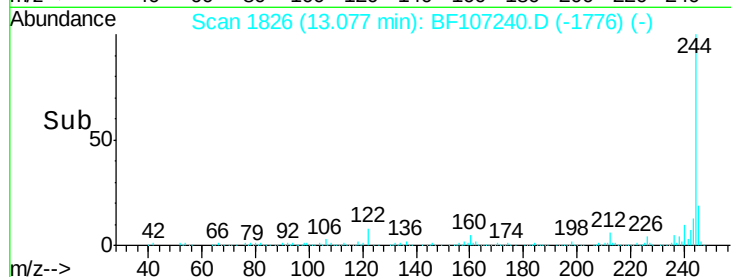
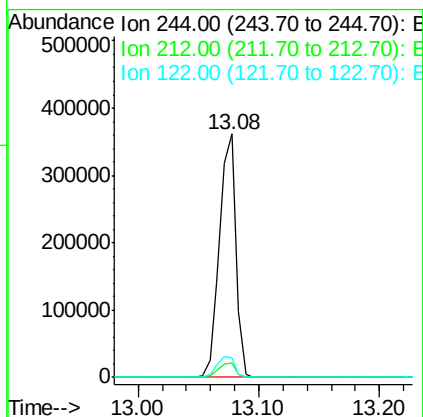
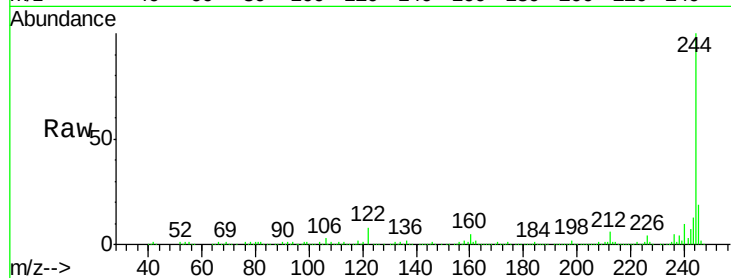




#78
 Terphenyl-d14
 Concen: 90.381 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107240.D
 Acq: 9 Jul 2018 20:21

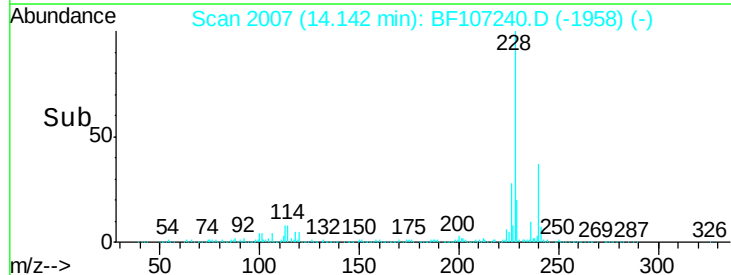
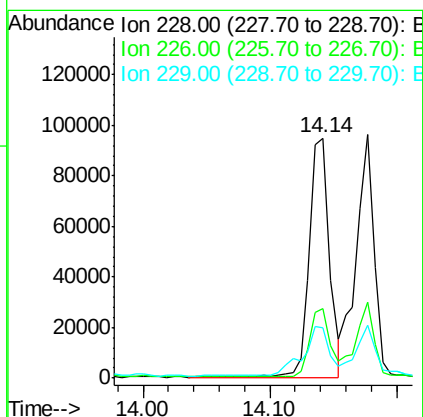
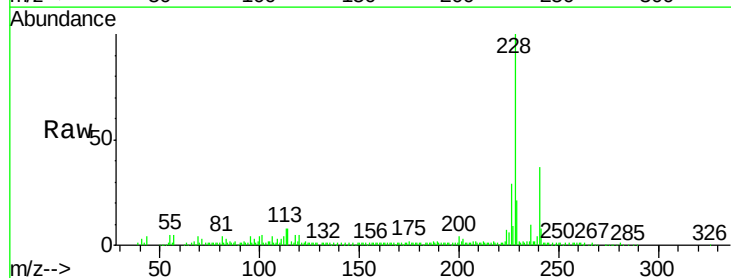
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-7

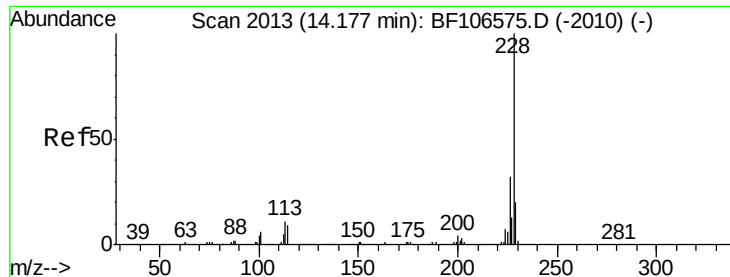
Tgt Ion:244 Resp: 337875
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 7.9 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 18.660 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF107240.D
 Acq: 9 Jul 2018 20:21

Tgt Ion:228 Resp: 102983
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.6 33.8
 229 20.9 15.8 23.6





#82

Chrysene

Concen: 18.512 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-7

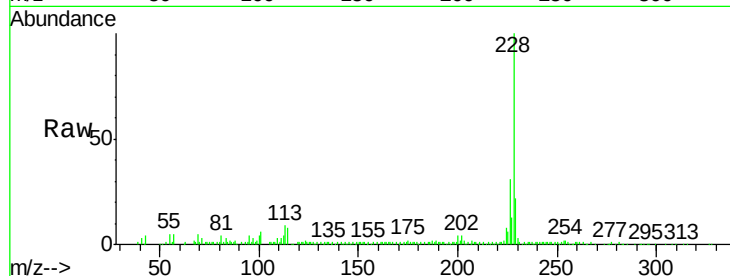
Tgt Ion:228 Resp: 93995

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

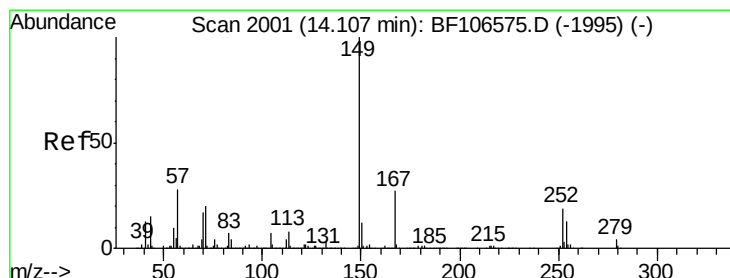
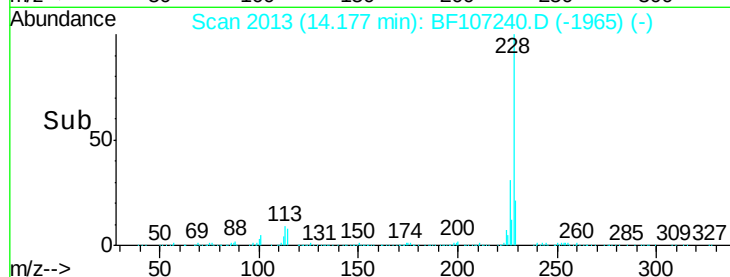
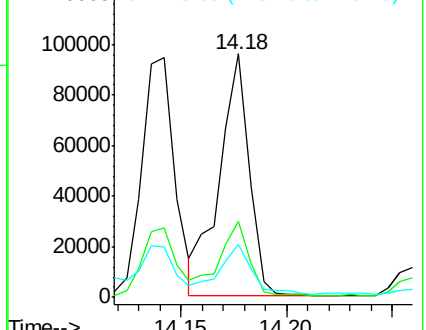
229 21.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.984 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

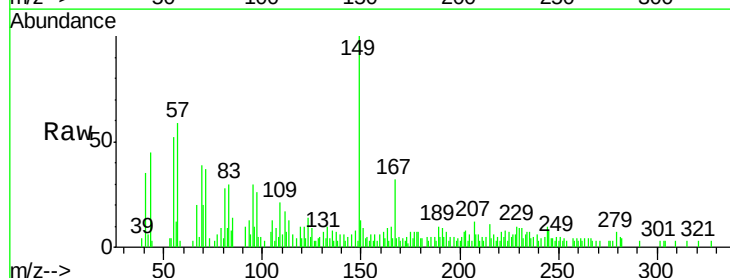
Tgt Ion:149 Resp: 9367

Ion Ratio Lower Upper

149 100

167 32.3 21.3 31.9#

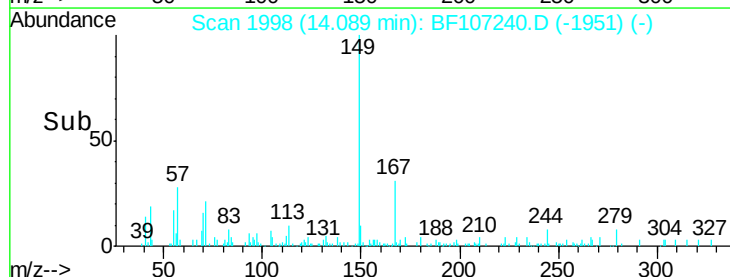
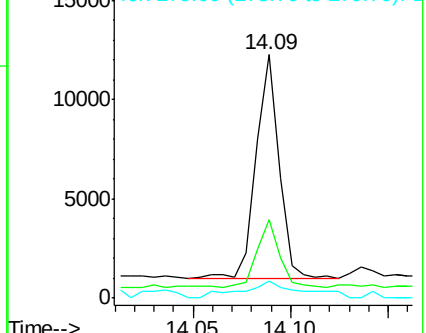
279 7.0 3.0 4.4#

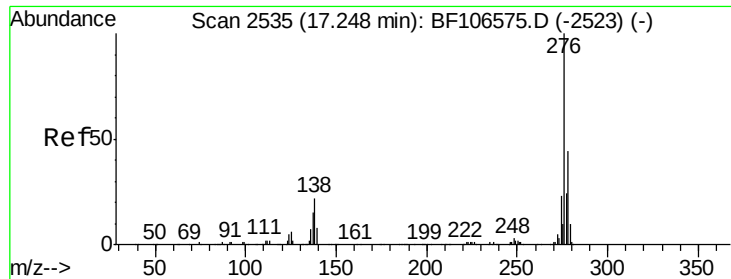


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

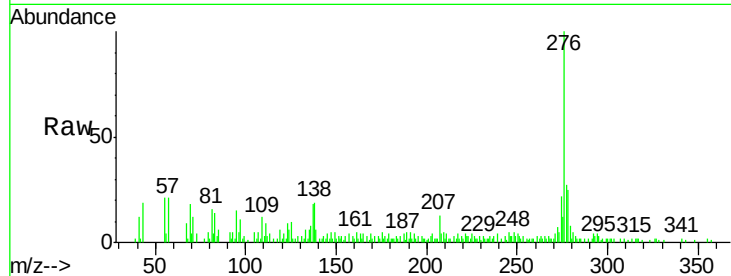




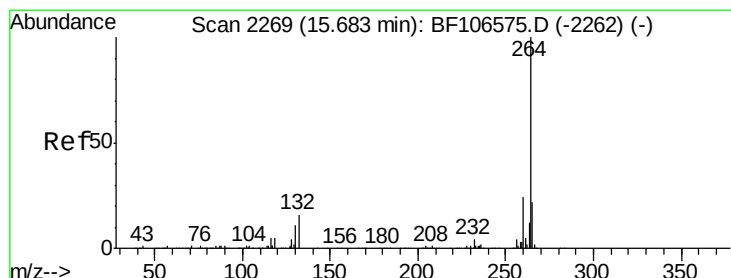
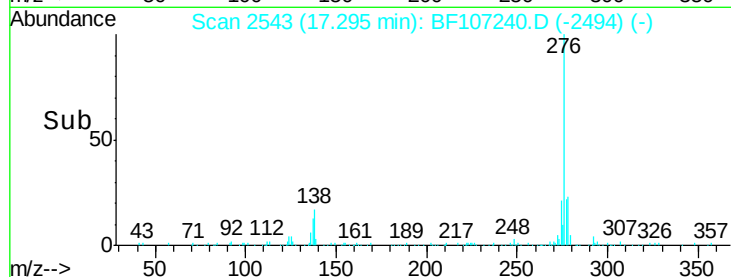
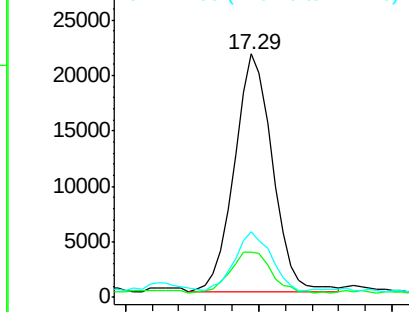
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.888 ng
 RT: 17.29 min Scan# 2543
 Delta R.T. -0.01 min
 Lab File: BF107240.D
 Acq: 9 Jul 2018 20:21

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	25.0	37.6#
277	23.4	20.1	30.1

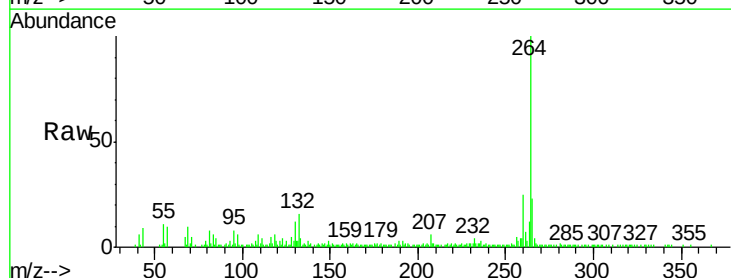


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

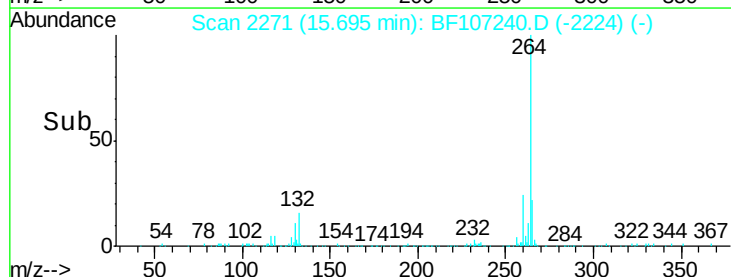
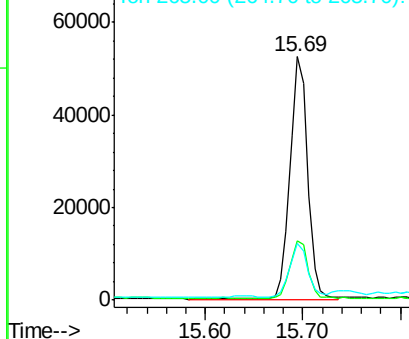


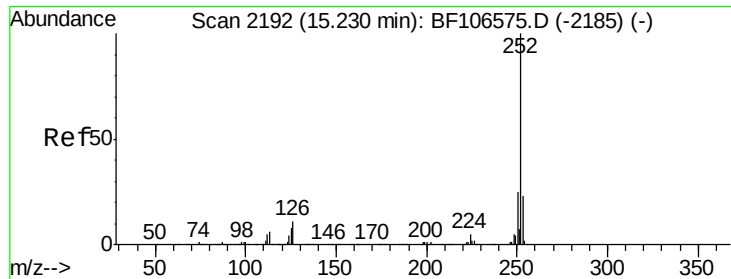
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF107240.D
 Acq: 9 Jul 2018 20:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	23.5	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

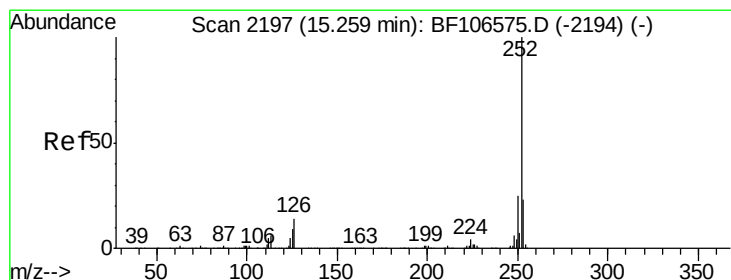
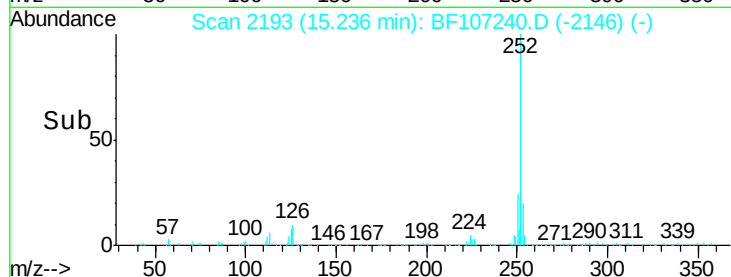
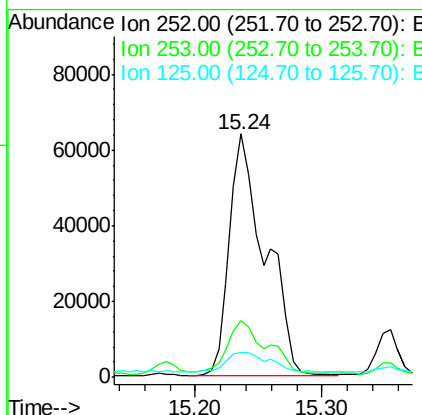
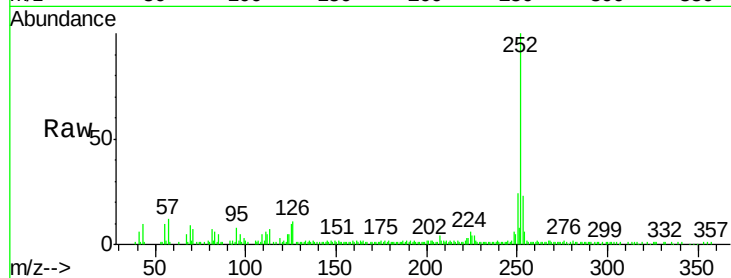




#87
Benzo(b)fluoranthene
Concen: 29.179 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

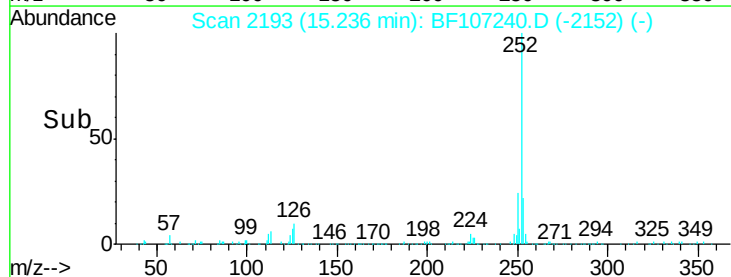
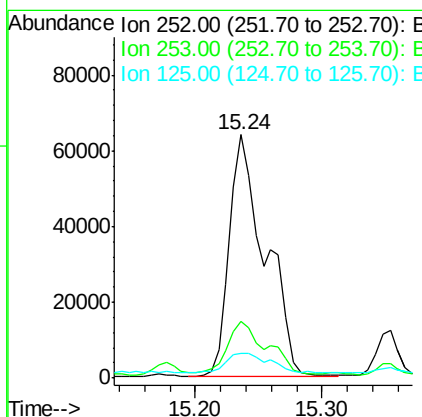
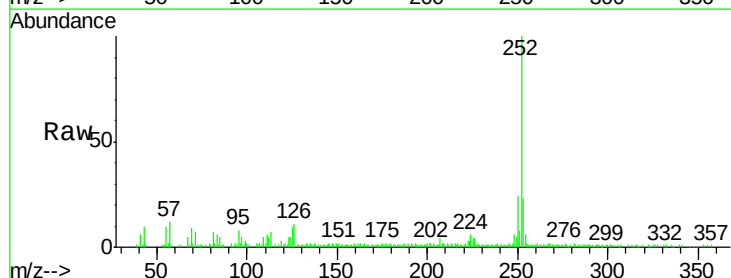
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-7

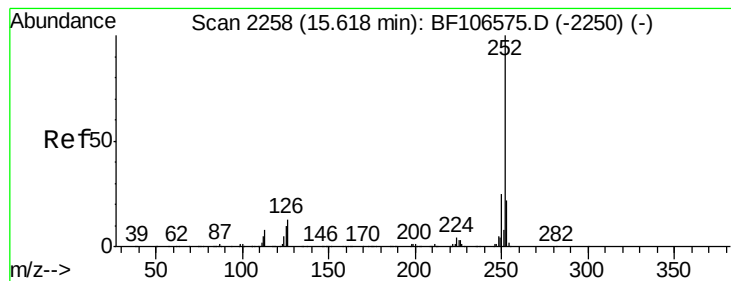
Tgt Ion:252 Resp: 124175
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 10.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 30.640 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF107240.D
Acq: 9 Jul 2018 20:21

Tgt Ion:252 Resp: 124175
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 10.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 17.446 ng

RT: 15.63 min Scan# 2260

Delta R.T. -0.02 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-7

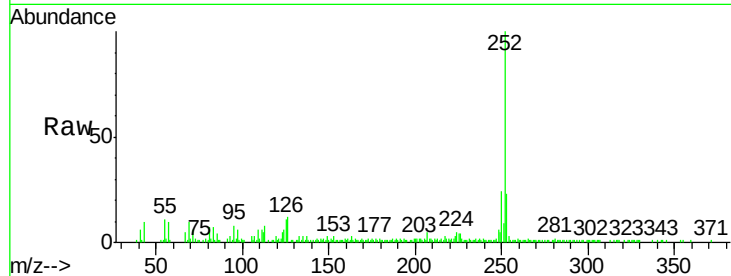
Tgt Ion:252 Resp: 66000

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

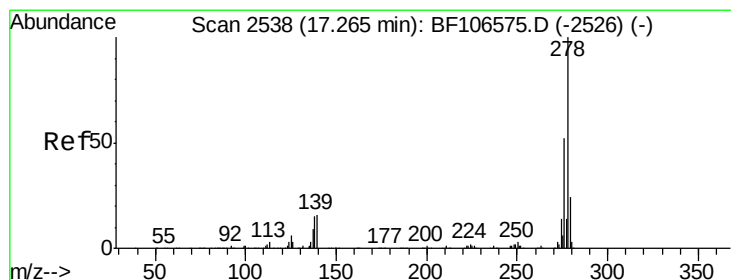
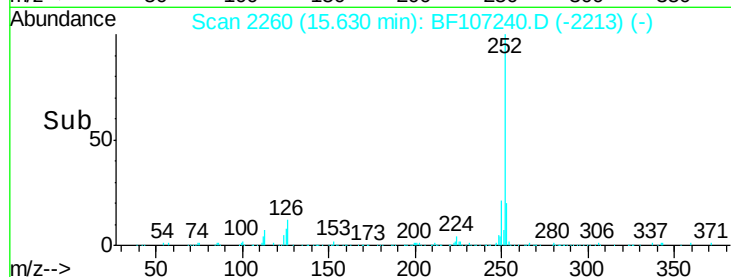
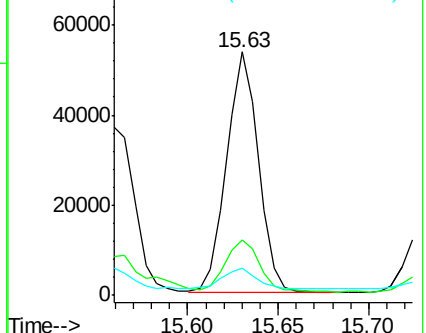
125 11.0 9.8 14.6



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: 3.556 ng

RT: 17.29 min Scan# 2543

Delta R.T. -0.03 min

Lab File: BF107240.D

Acq: 9 Jul 2018 20:21

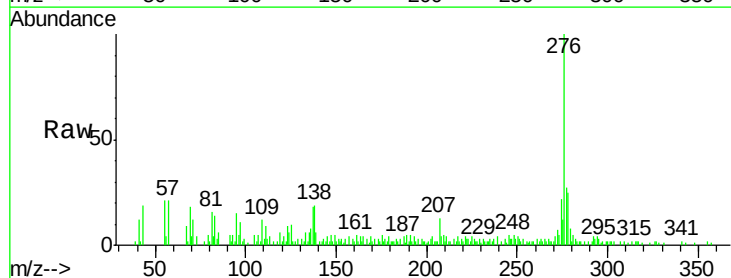
Tgt Ion:278 Resp: 11400

Ion Ratio Lower Upper

278 100

139 25.2 15.9 23.9#

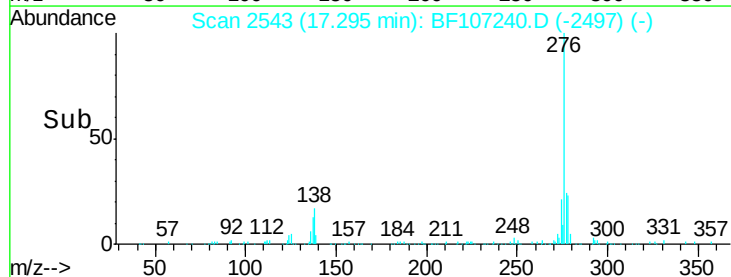
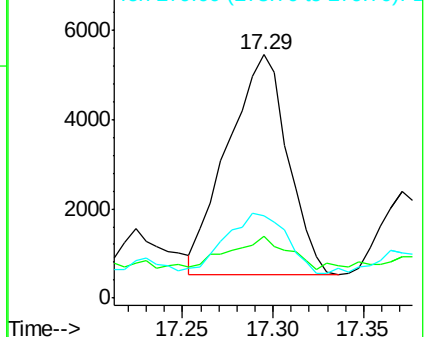
279 33.8 19.0 28.4#

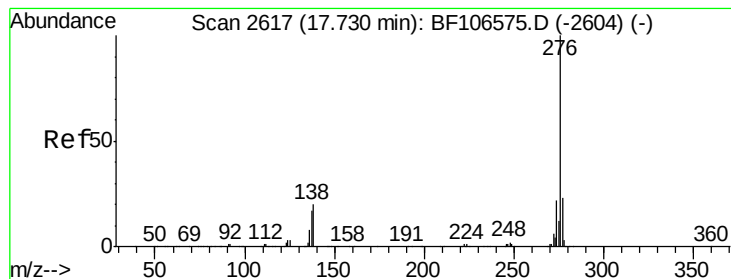


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 13.102 ng

RT: 17.79 min Scan# 2627

Delta R.T. -0.00 min

Lab File: BF107240.D

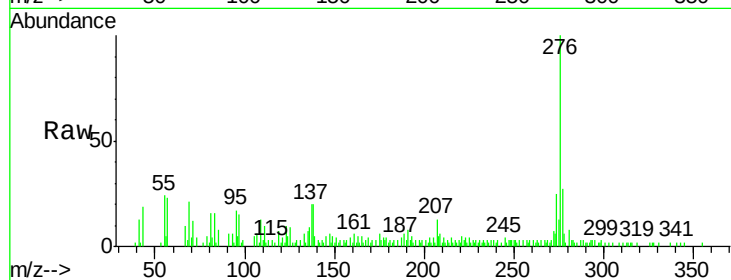
Acq: 9 Jul 2018 20:21

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-7



Tgt Ion:	276	Resp:	41058
Ion	Ratio	Lower	Upper
276	100		
277	27.4	17.9	26.9#
138	19.6	21.8	32.8#

