

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107242.D
 Acq On : 9 Jul 2018 21:14
 Operator : JU/SJ
 Sample : J3879-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-9

Quant Time: Jul 10 01:09:43 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	37950	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	130753	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	58936	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	118549	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	86618	20.00	ng	-0.01
86) Perylene-d12	15.69	264	63709	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	247617	110.49	ng	0.00
7) Phenol-d6	6.60	99	294148	105.10	ng	-0.01
23) Nitrobenzene-d5	7.51	82	175931	74.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	78229	114.52	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	305564	88.34	ng	-0.02
78) Terphenyl-d14	13.08	244	379696	106.18	ng	0.00

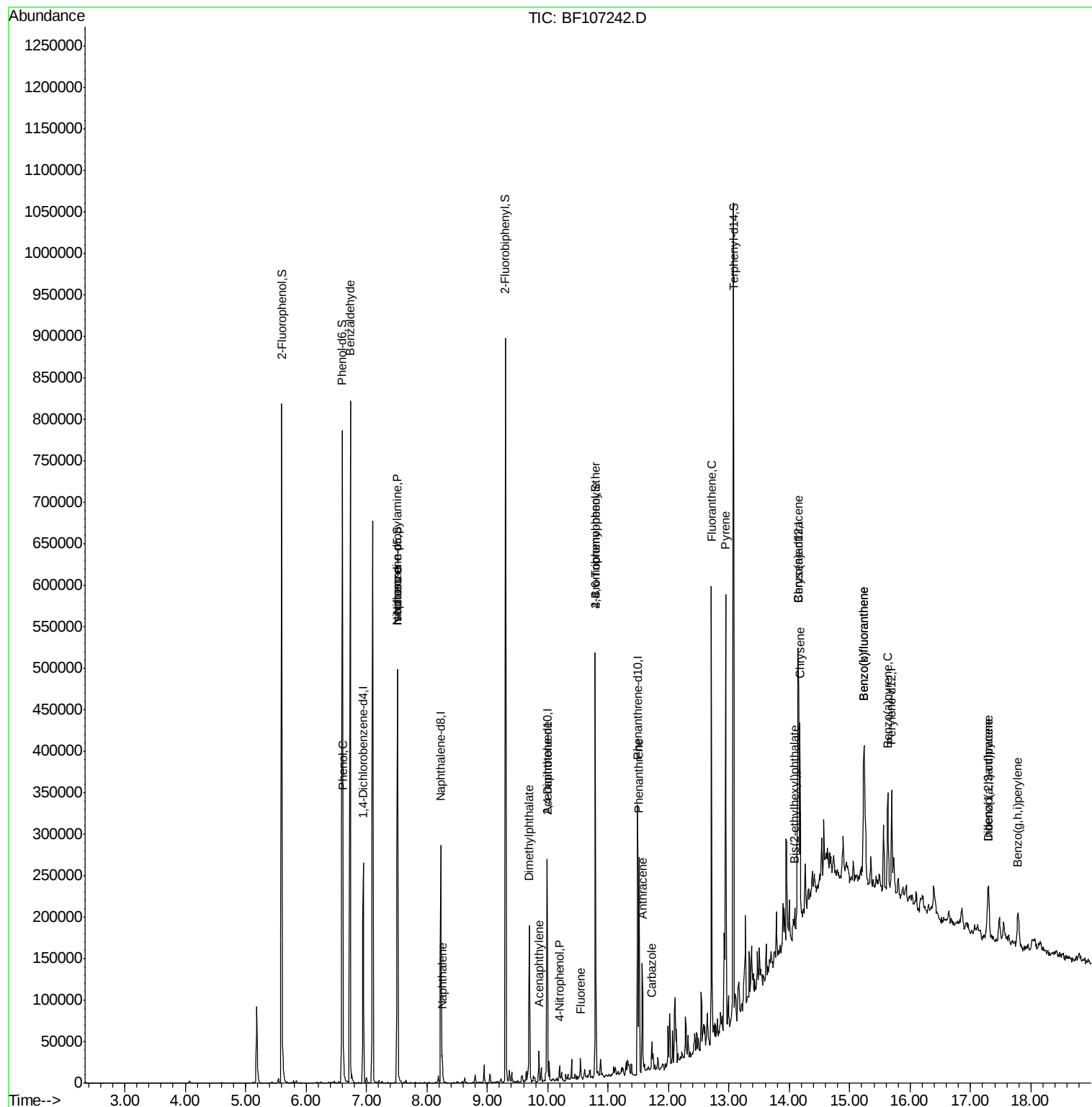
Target Compounds				Qvalue		
9) Benzaldehyde	6.73	77	5182	2.204	ng	88
10) Phenol	6.61	94	7082	2.217	ng	84
19) n-Nitroso-di-n-propylamine	7.51	70	22270	12.071	ng	# 76
25) Isophorone	7.51	82	175930	42.434	ng	# 64
31) Naphthalene	8.25	128	12289	2.010	ng	97
48) Acenaphthylene	9.85	152	15556	2.665	ng	97
49) Dimethylphthalate	9.70	163	73729	16.680	ng	98
55) 4-Nitrophenol	10.20	139	2626	3.493	ng	# 9
56) 2,4-Dinitrotoluene	9.99	165	7949	6.506	ng	# 21
57) Fluorene	10.54	166	8295	2.077	ng	# 97
66) 4-Bromophenyl-phenylether	10.80	248	4556	3.220	ng	# 1
70) Phenanthrene	11.51	178	94436	16.516	ng	98
71) Anthracene	11.57	178	49167	8.424	ng	99
72) Carbazole	11.72	167	12830	2.348	ng	98
74) Fluoranthene	12.71	202	232437	36.882	ng	96
77) Pyrene	12.95	202	214743	37.596	ng	99
80) Benzo(a)anthracene	14.14	228	106280	20.132	ng	97
82) Chrysene	14.18	228	100267	20.645	ng	97
83) Bis(2-ethylhexyl)phthalate	14.09	149	6569	2.188	ng	# 88
85) Indeno(1,2,3-cd)pyrene	17.29	276	41413	10.048	ng	# 85
87) Benzo(b)fluoranthene	15.24	252	127249	32.153	ng	95
88) Benzo(k)fluoranthene	15.24	252	127249	33.764	ng	96
89) Benzo(a)pyrene	15.63	252	64089	18.216	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	12130	4.068	ng	# 82
91) Benzo(g,h,i)perylene	17.79	276	39342	13.500	ng	# 87

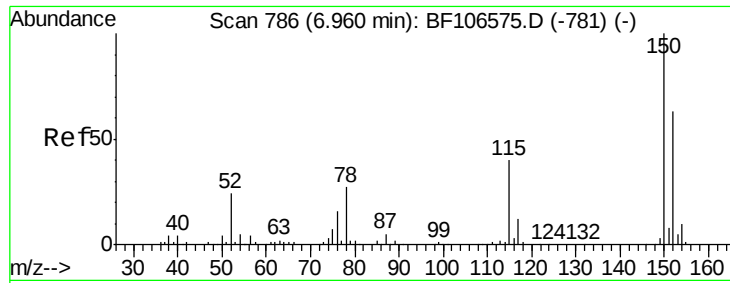
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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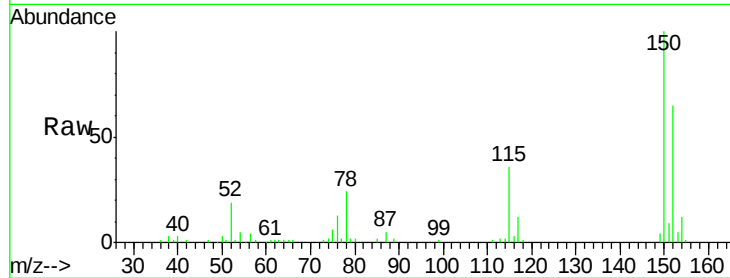


#1

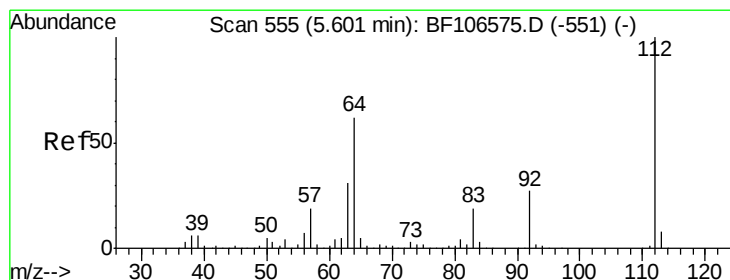
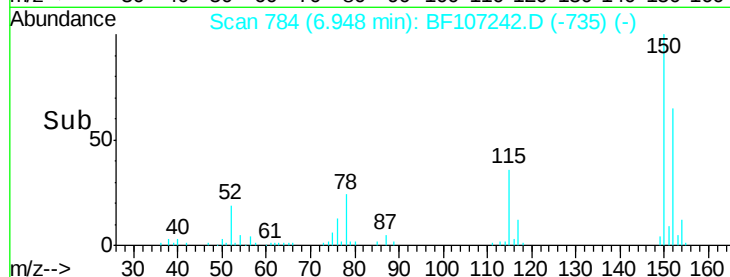
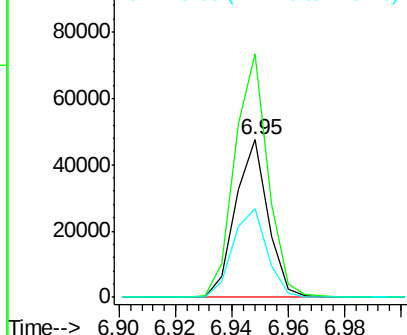
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-9

Tgt Ion:152 Resp: 37950
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 56.1 50.1 75.1



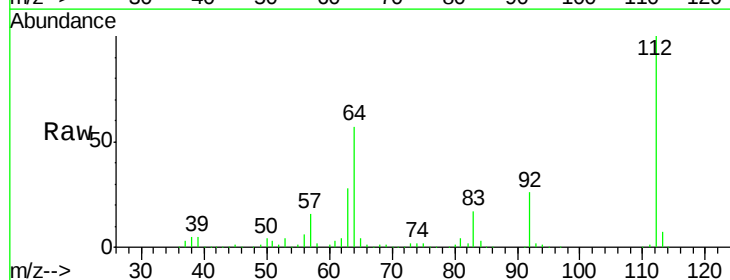
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



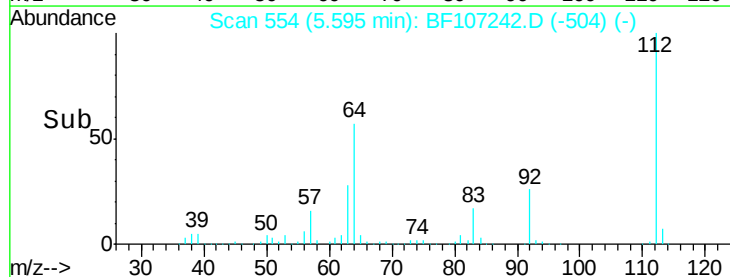
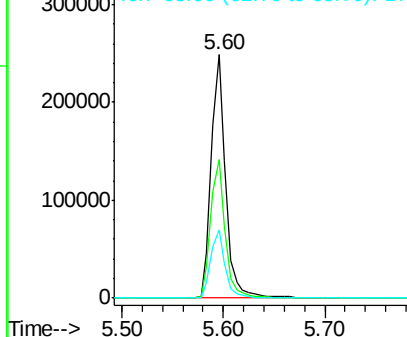
#5

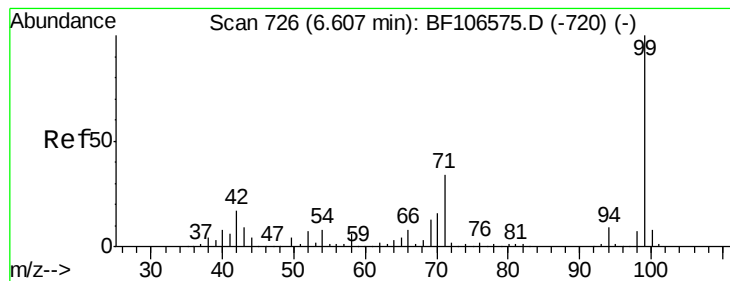
2-Fluorophenol
Concen: 110.486 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

Tgt Ion:112 Resp: 247617
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.0 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: 105.099 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107242.D

Acq: 9 Jul 2018 21:14

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-9

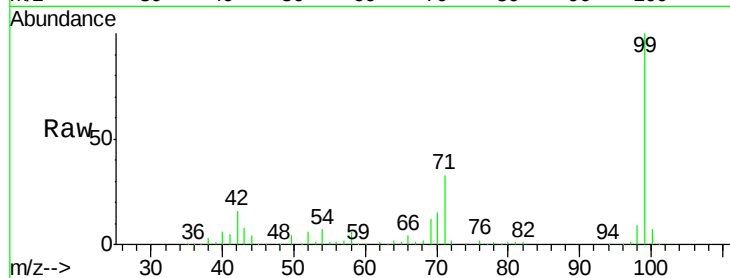
Tgt Ion: 99 Resp: 294148

Ion Ratio Lower Upper

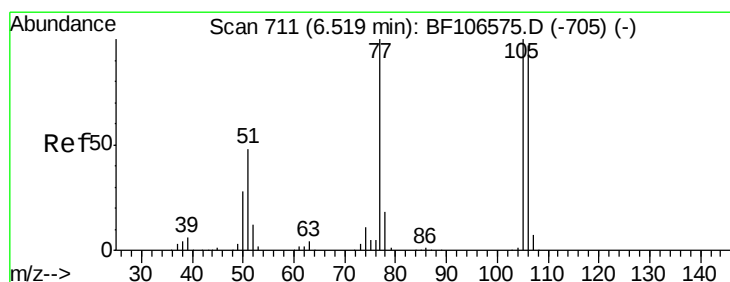
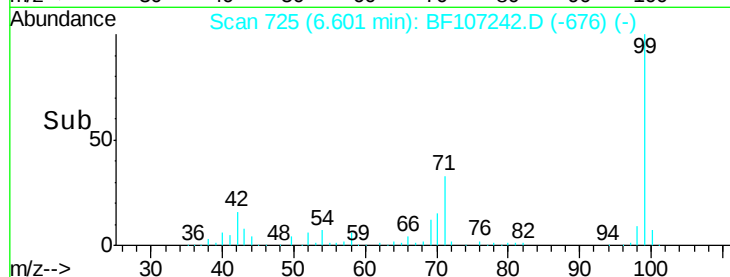
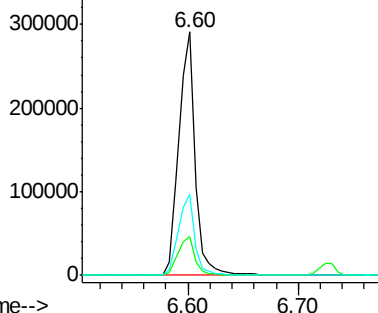
99 100

42 15.8 14.5 21.7

71 33.2 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: 2.204 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF107242.D

Acq: 9 Jul 2018 21:14

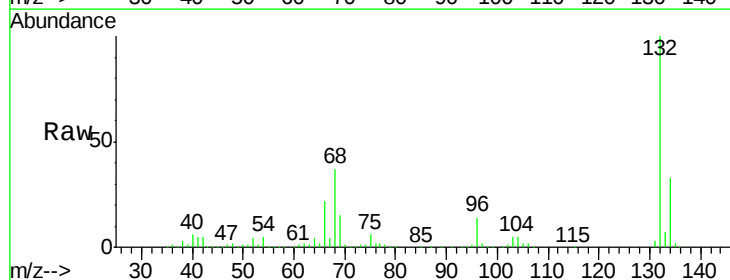
Tgt Ion: 77 Resp: 5182

Ion Ratio Lower Upper

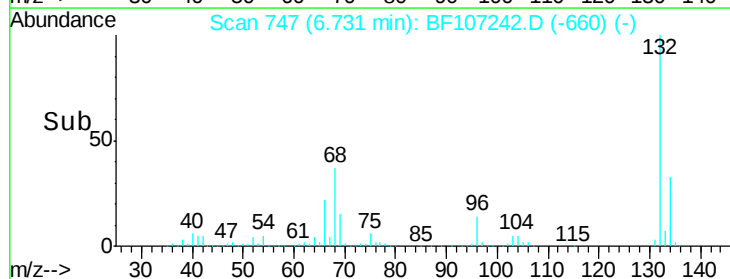
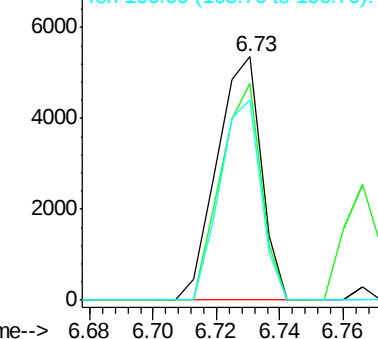
77 100

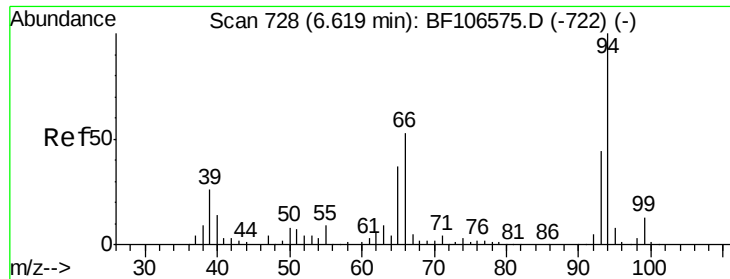
105 89.2 81.1 121.1

106 82.1 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: 2.217 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107242.D

Acq: 9 Jul 2018 21:14

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-9

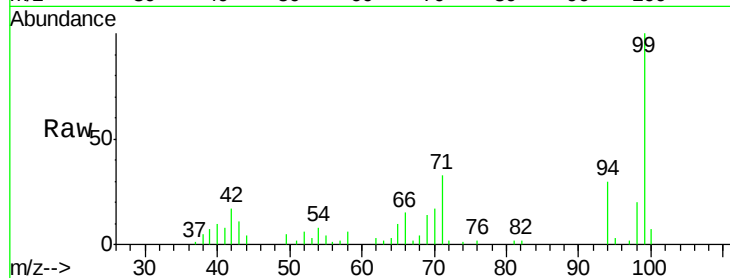
Tgt Ion: 94 Resp: 7082

Ion Ratio Lower Upper

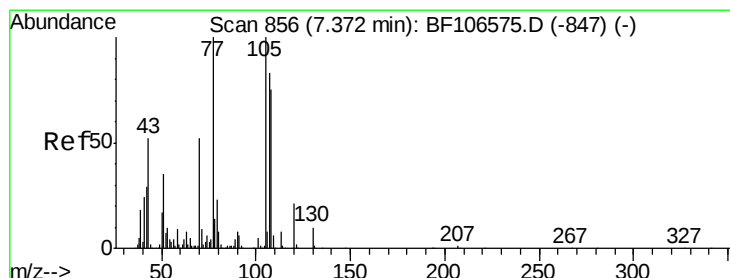
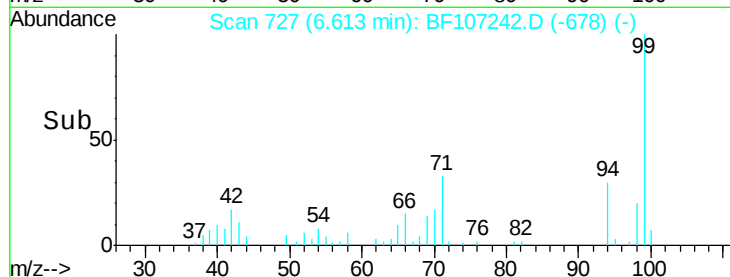
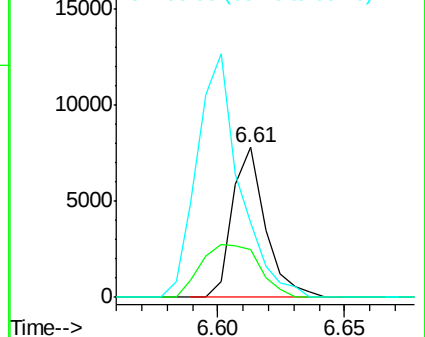
94 100

65 31.7 7.9 47.9

66 50.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.071 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107242.D

Acq: 9 Jul 2018 21:14

Tgt Ion: 70 Resp: 22270

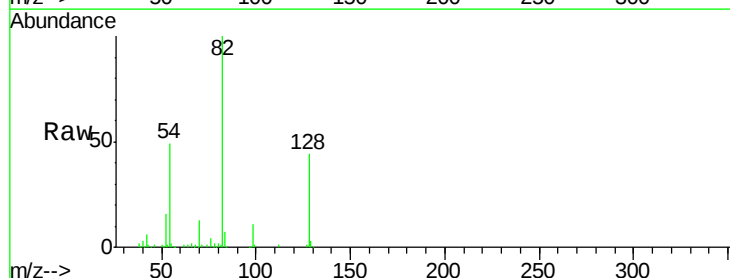
Ion Ratio Lower Upper

70 100

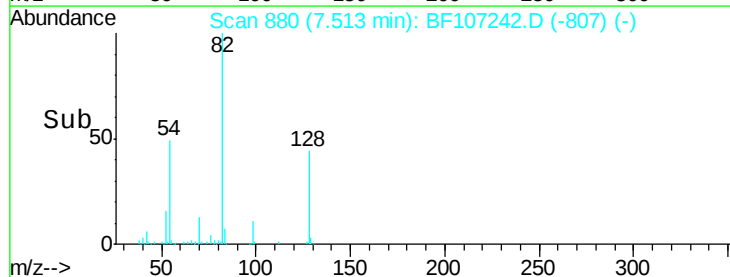
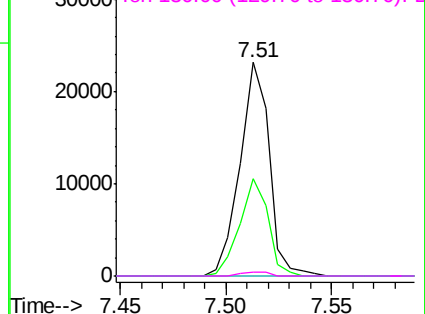
42 45.5 47.5 71.3#

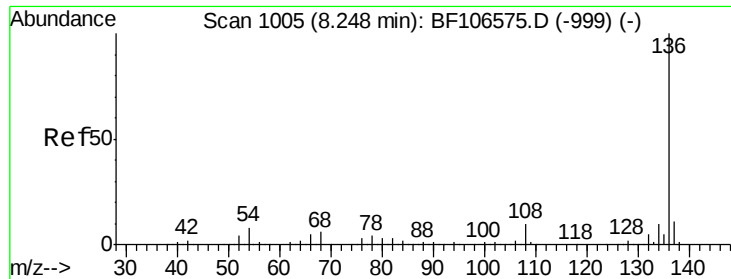
101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

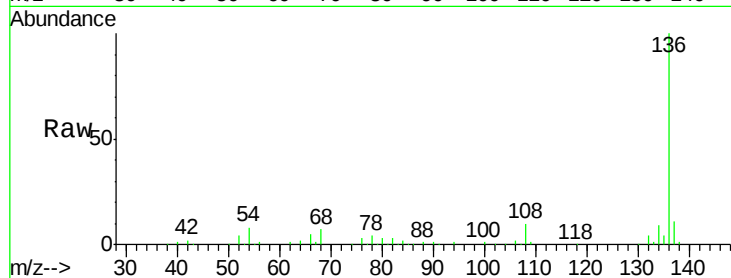




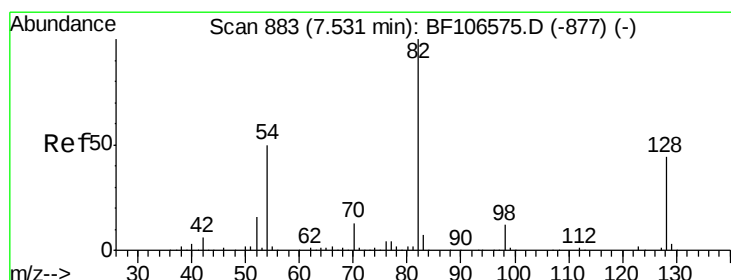
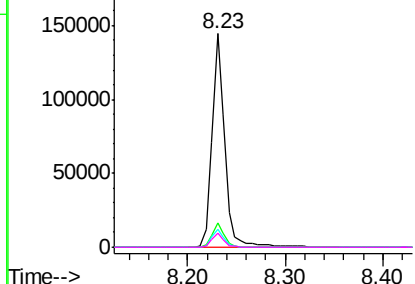
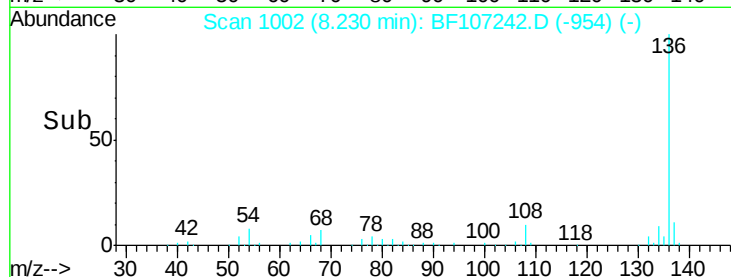
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-9

Tgt Ion:	136	Resp:	130753
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	6.6	9.8
68	6.6	5.0	7.4

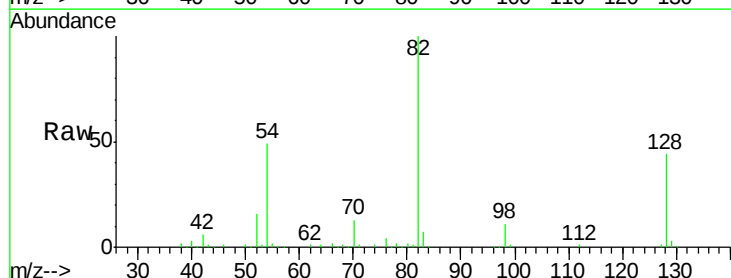


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

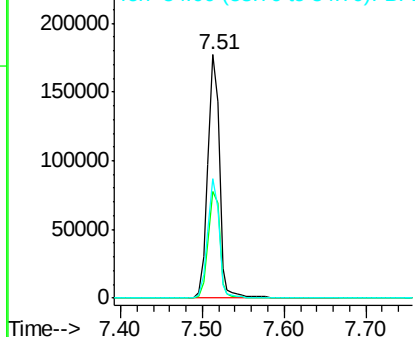
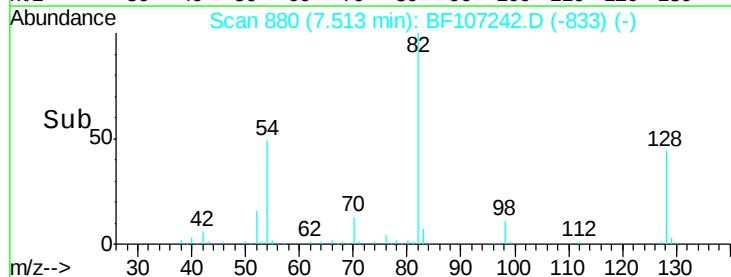


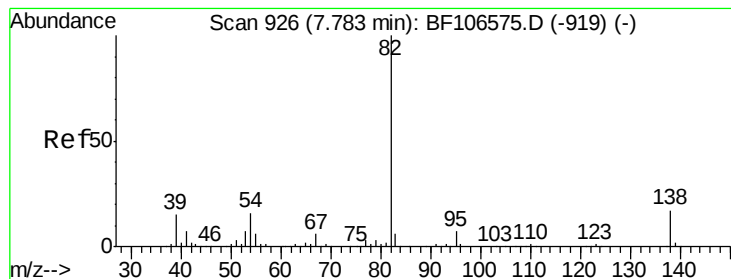
#23
Nitrobenzene-d5
Concen: 74.775 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

Tgt Ion:	82	Resp:	175931
Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	48.9	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: 42.434 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107242.D

Acq: 9 Jul 2018 21:14

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-9

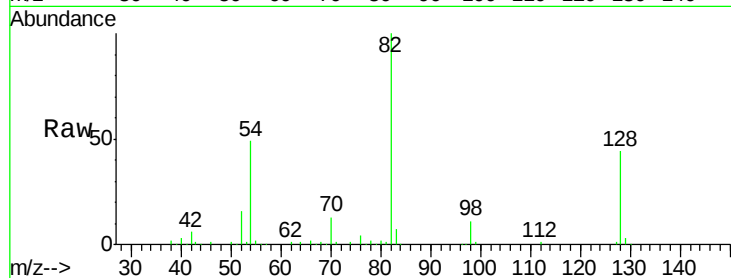
Tgt Ion: 82 Resp: 175930

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

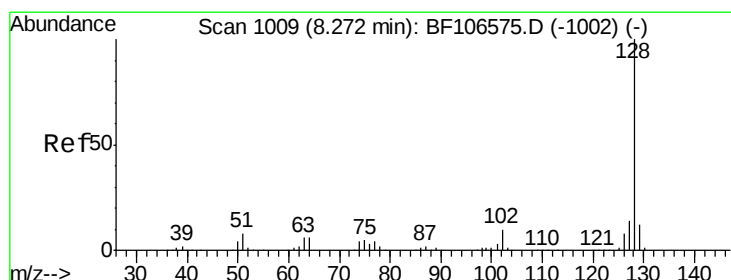
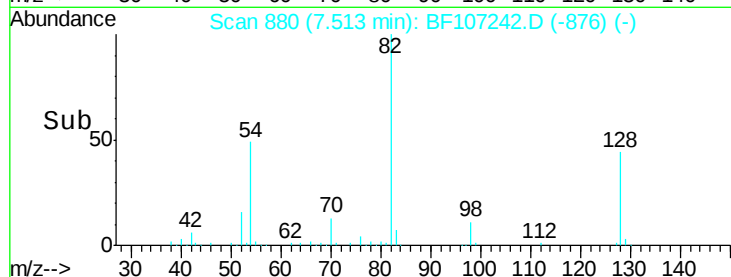
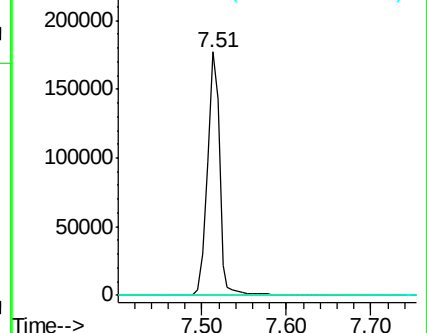
138 0.0 14.9 22.3#



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: 2.010 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107242.D

Acq: 9 Jul 2018 21:14

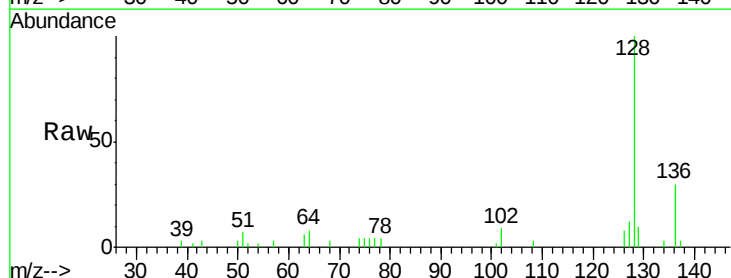
Tgt Ion: 128 Resp: 12289

Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

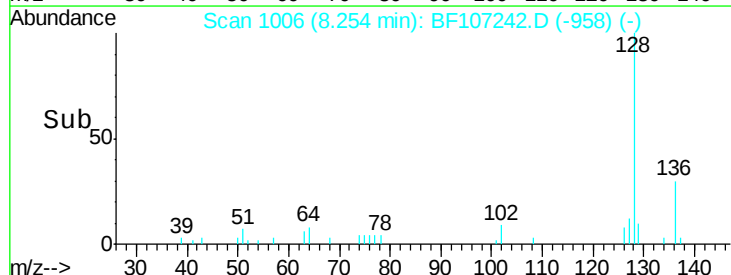
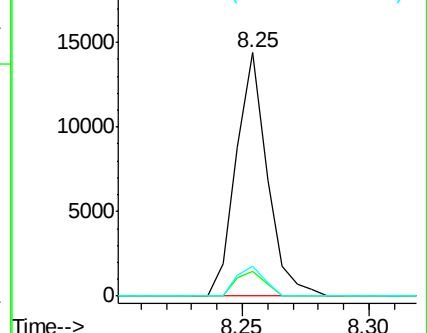
127 12.2 10.9 16.3

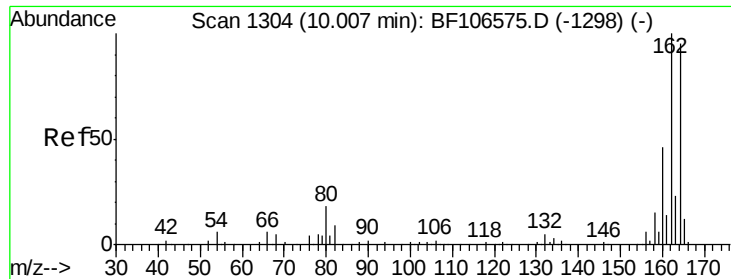


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

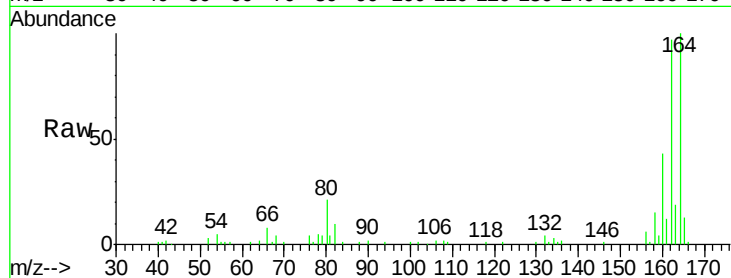




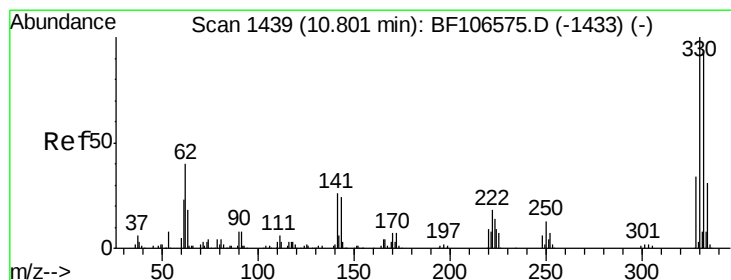
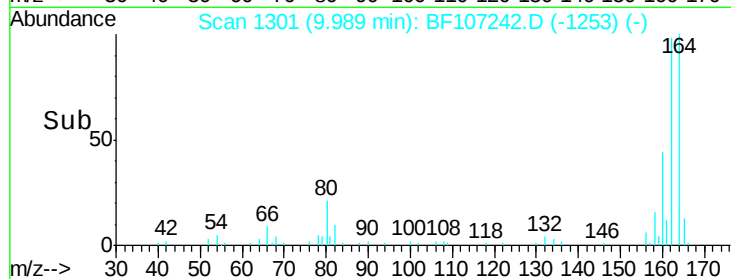
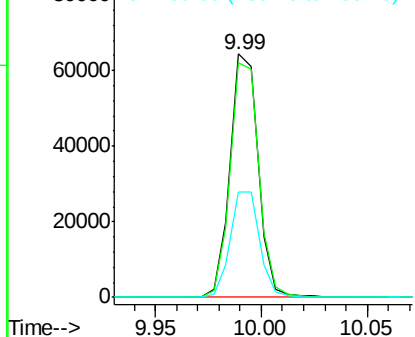
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107242.D
 Acq: 9 Jul 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-9

Tgt Ion:164 Resp: 58936
 Ion Ratio Lower Upper
 164 100
 162 96.5 86.1 129.1
 160 43.1 38.3 57.5

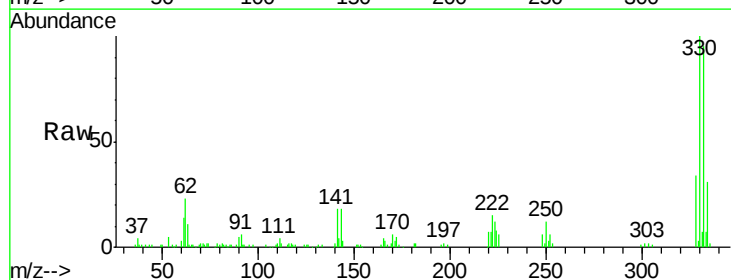


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

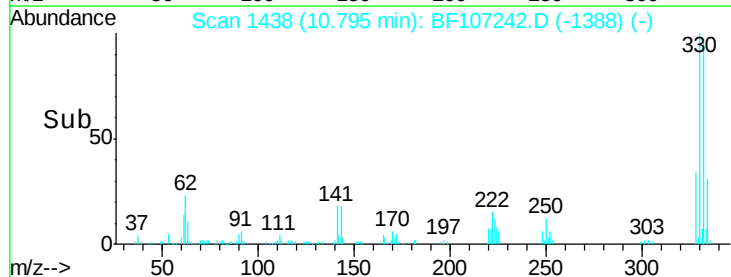
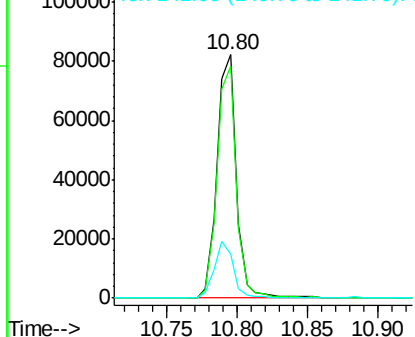


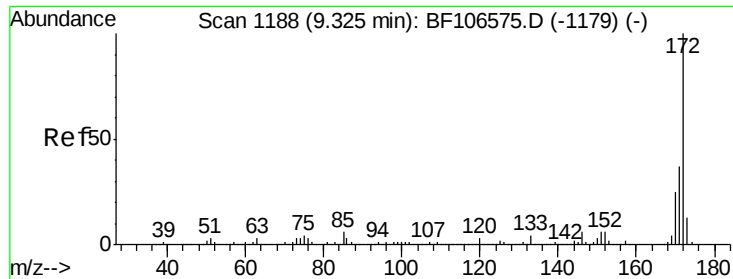
#41
 2,4,6-Tribromophenol
 Concen: 114.523 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107242.D
 Acq: 9 Jul 2018 21:14

Tgt Ion:330 Resp: 78229
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 23.3 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

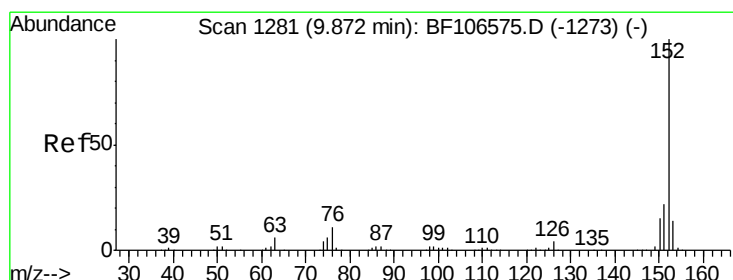
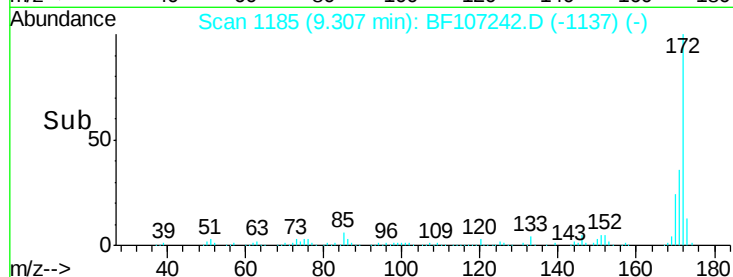
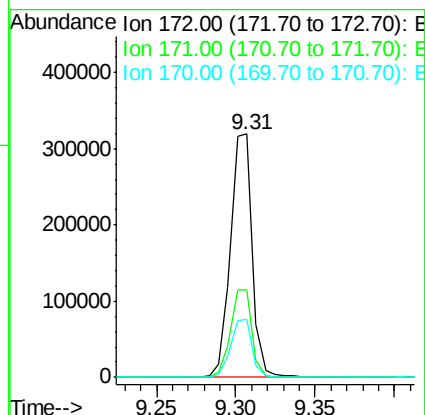
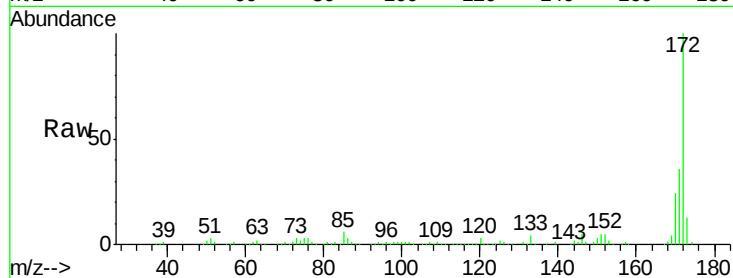




#44
2-Fluorobiphenyl
Concen: 88.336 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

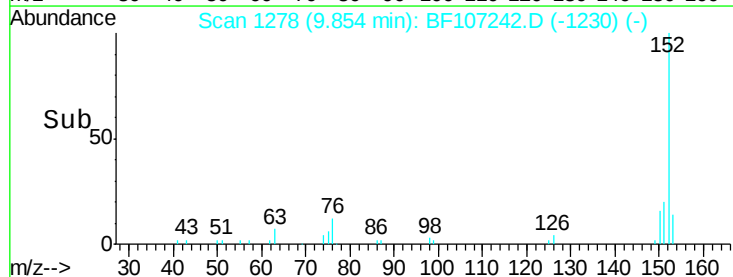
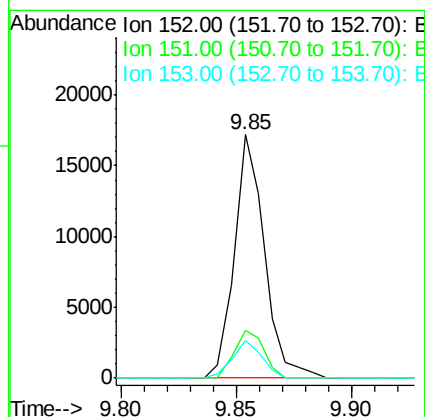
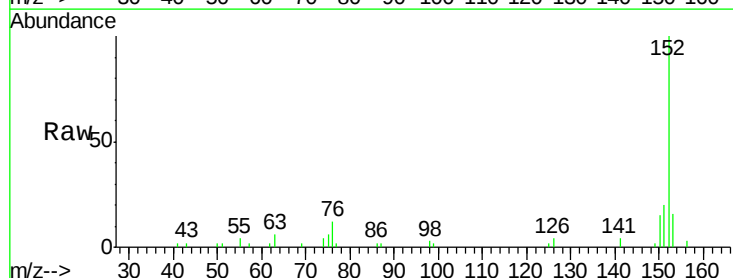
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-9

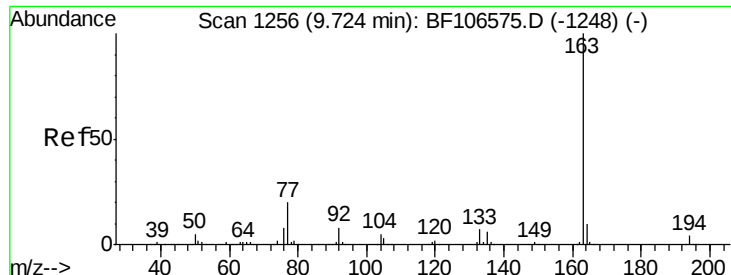
Tgt Ion:172 Resp: 305564
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.9 19.6 29.4



#48
Acenaphthylene
Concen: 2.665 ng
RT: 9.85 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

Tgt Ion:152 Resp: 15556
Ion Ratio Lower Upper
152 100
151 19.6 16.3 24.5
153 15.7 10.7 16.1

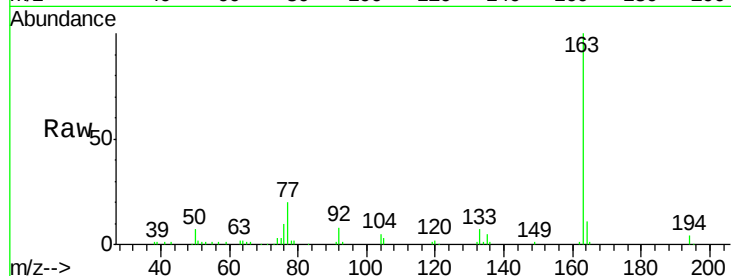




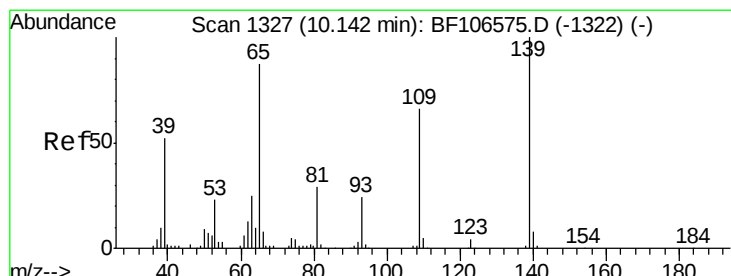
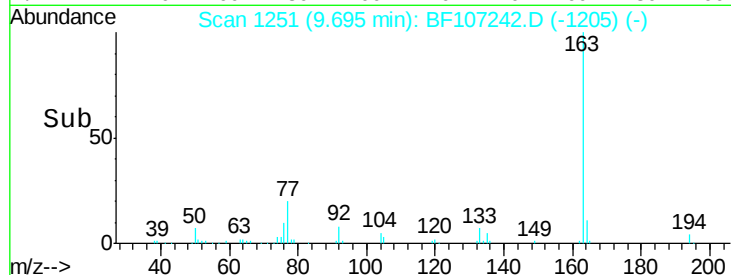
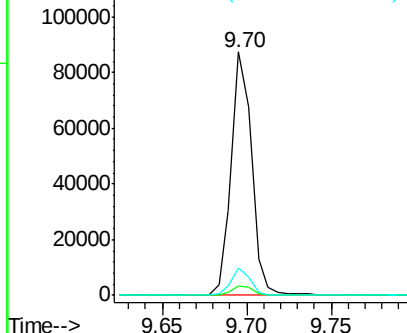
#49
Dimethylphthalate
Concen: 16.680 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-9

Tgt Ion:163 Resp: 73729
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 11.2 8.2 12.2

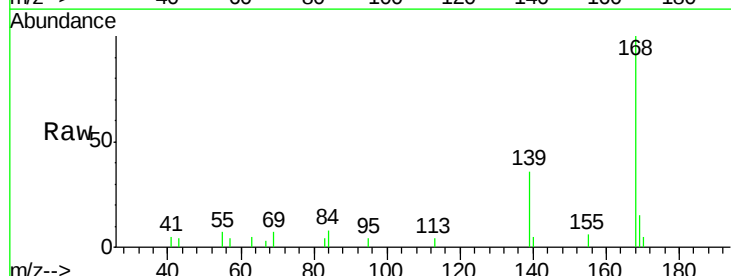


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

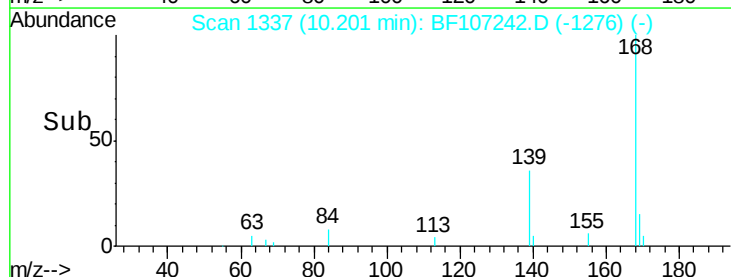
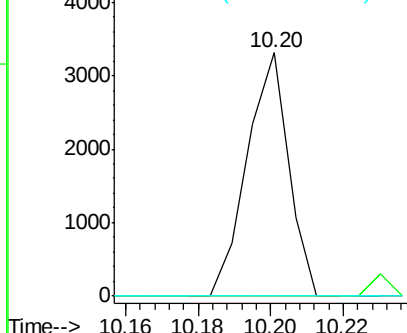


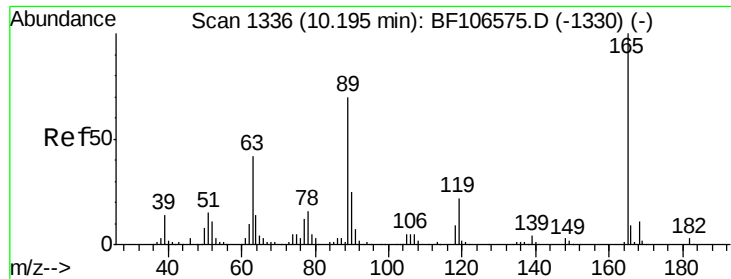
#55
4-Nitrophenol
Concen: 3.493 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.06 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

Tgt Ion:139 Resp: 2626
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

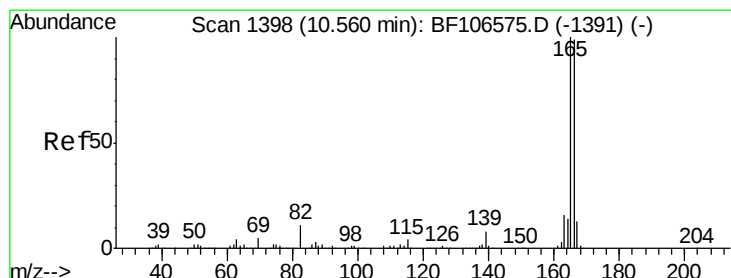
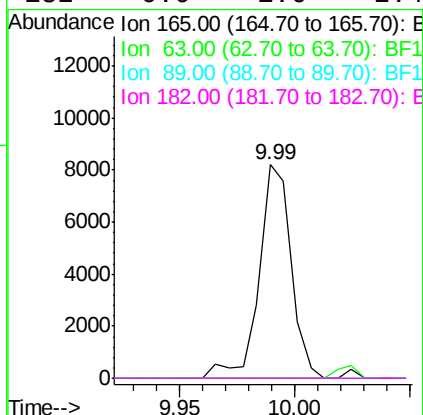
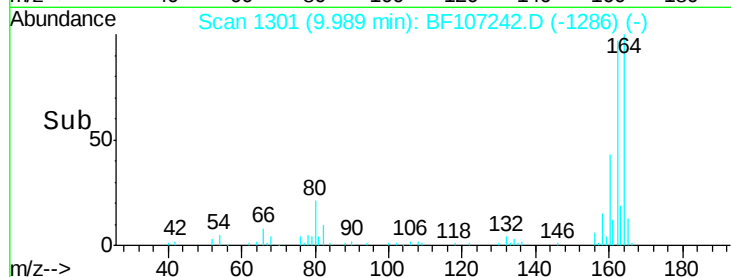
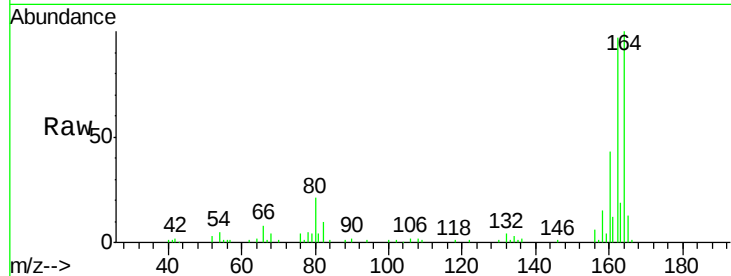




#56
2,4-Dinitrotoluene
Concen: 6.506 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

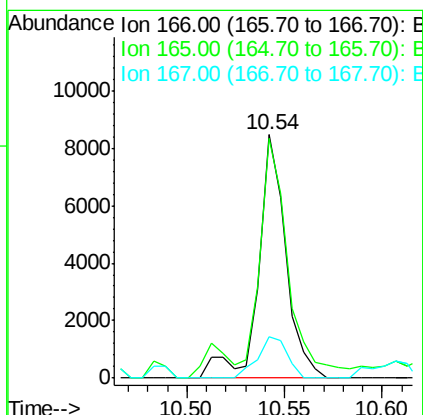
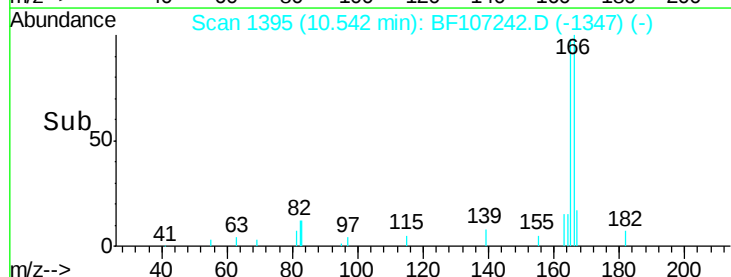
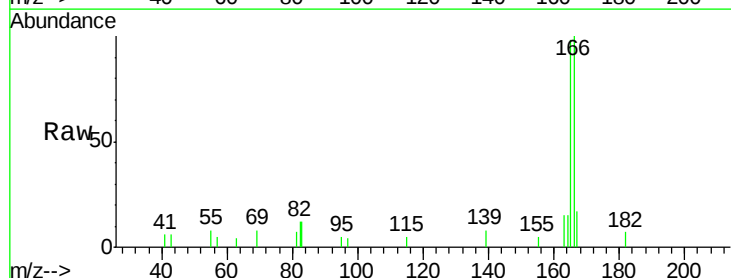
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-9

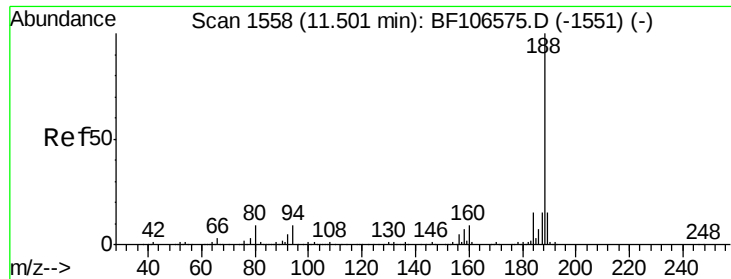
Tgt Ion:	165	Resp:	7949
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 2.077 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

Tgt Ion:	166	Resp:	8295
Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	17.2	10.6	16.0#

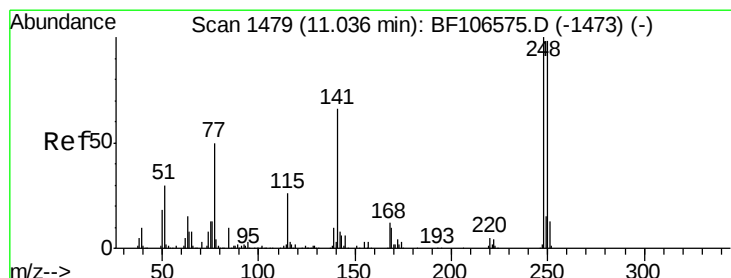
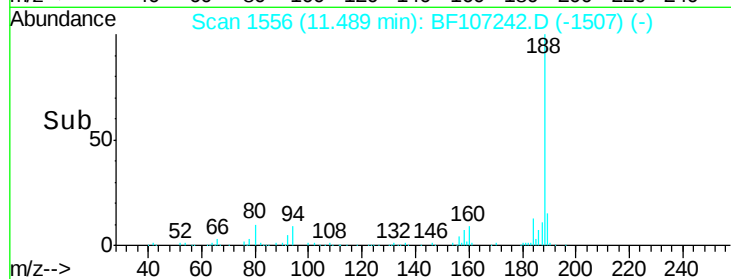
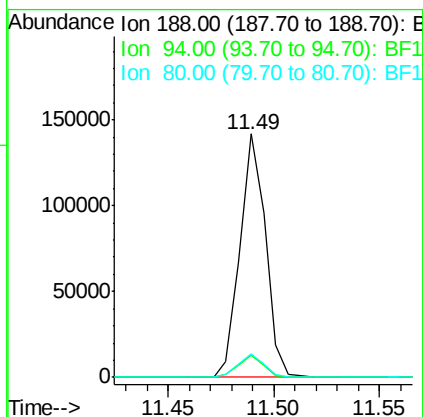
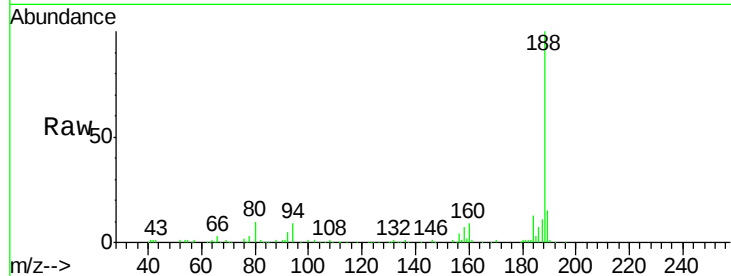




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

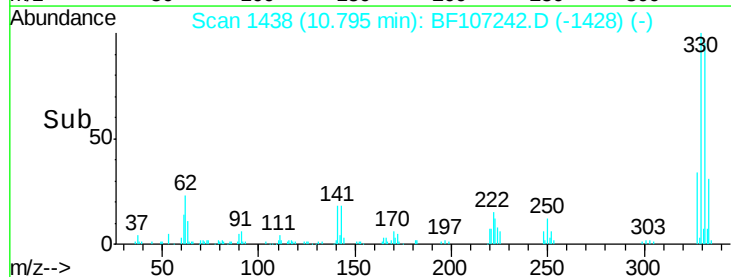
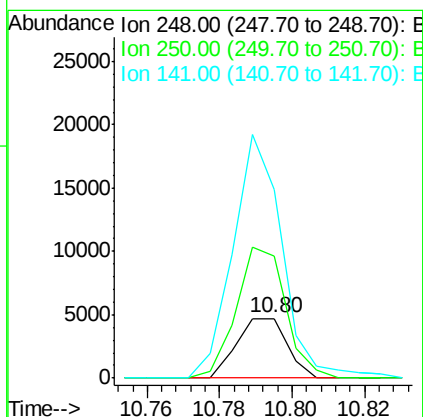
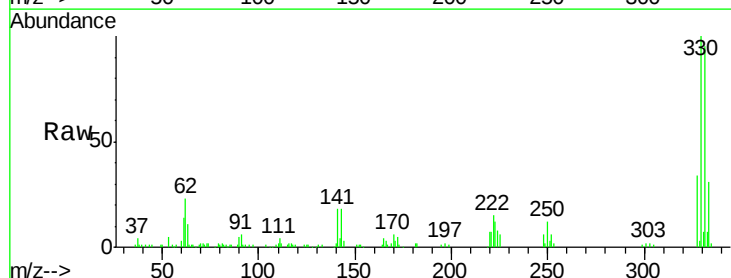
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-9

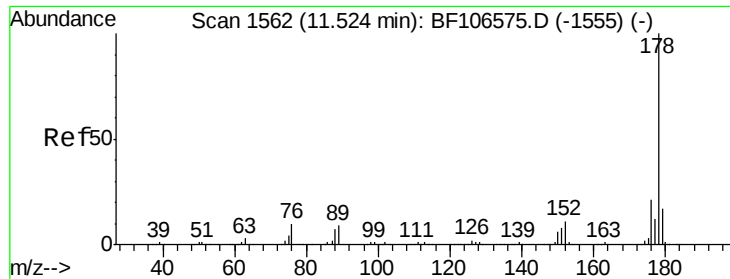
Tgt Ion:188 Resp: 118549
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.220 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

Tgt Ion:248 Resp: 4556
Ion Ratio Lower Upper
248 100
250 204.8 76.9 115.3#
141 316.8 74.4 111.6#

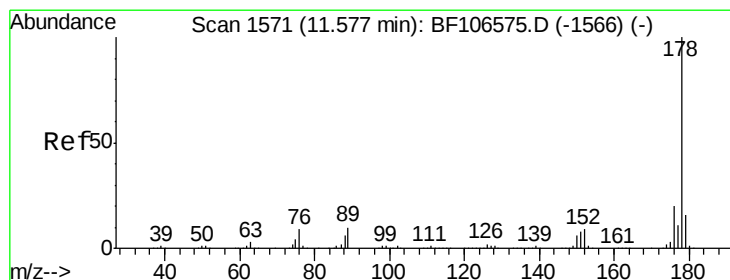
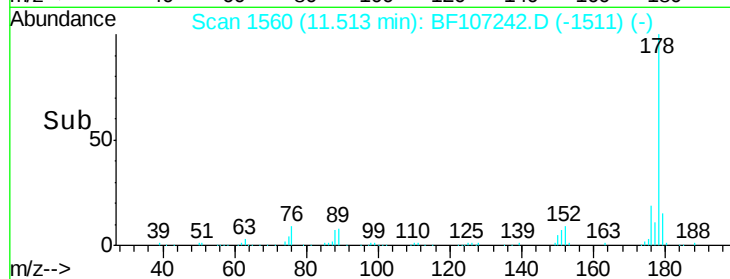
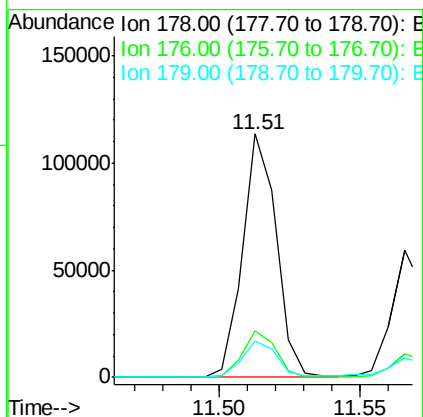
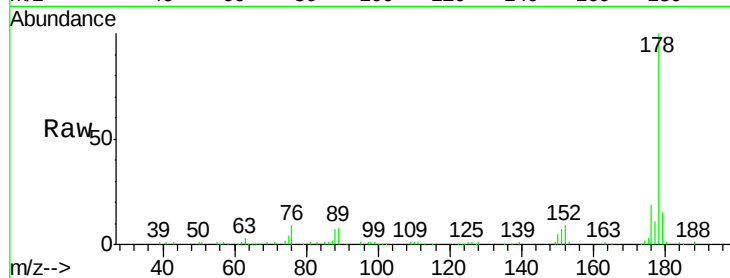




#70
Phenanthrene
Concen: 16.516 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

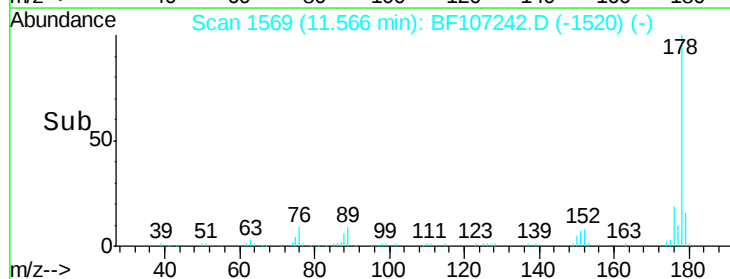
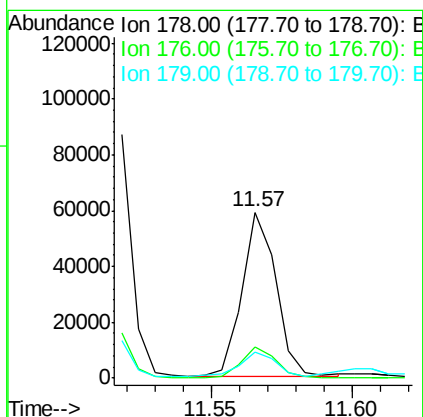
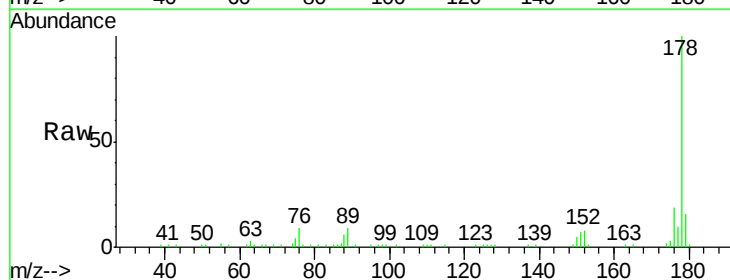
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-9

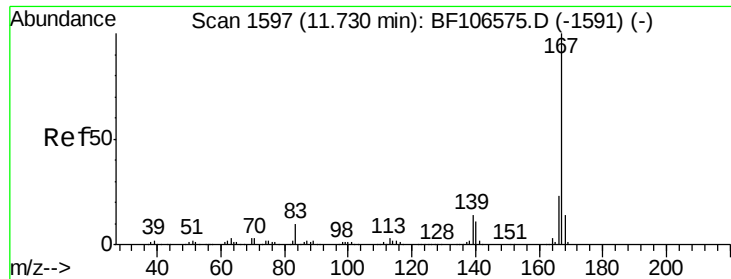
Tgt Ion:178 Resp: 94436
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 15.1 13.0 19.6



#71
Anthracene
Concen: 8.424 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

Tgt Ion:178 Resp: 49167
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.7 12.6 19.0

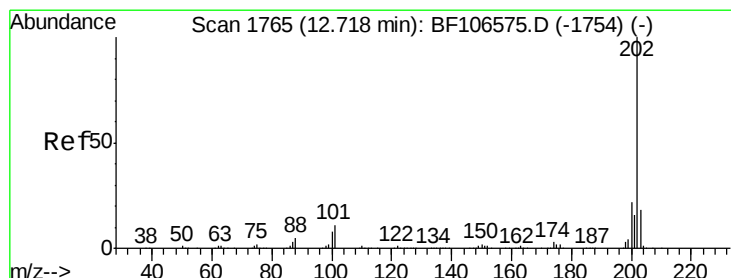
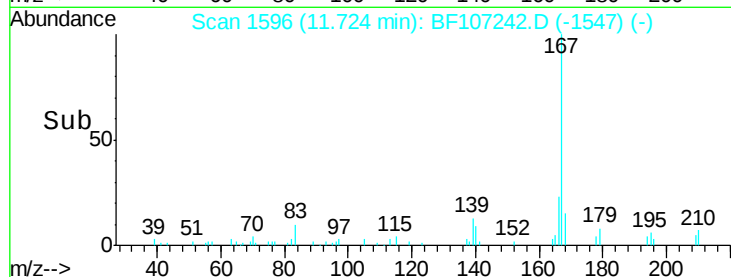
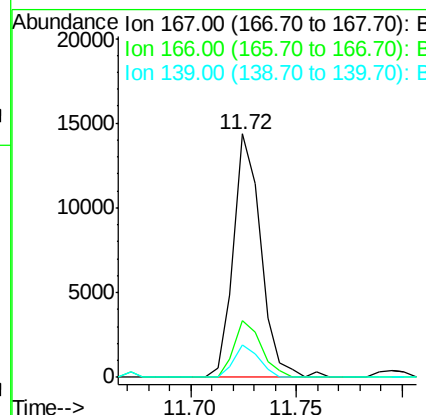
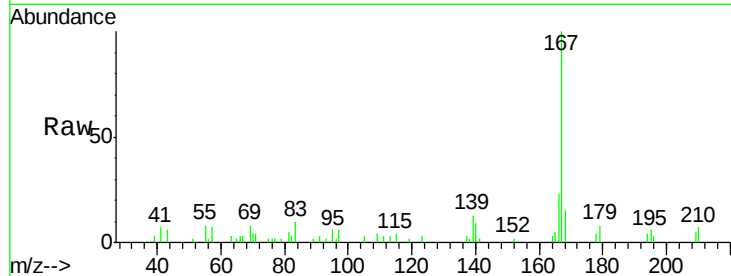




#72
 Carbazole
 Concen: 2.348 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF107242.D
 Acq: 9 Jul 2018 21:14

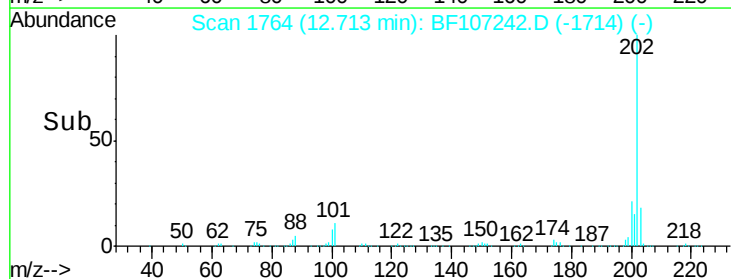
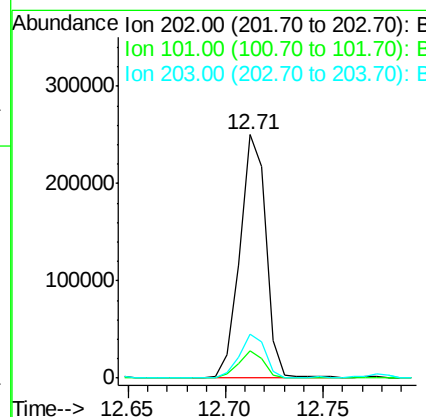
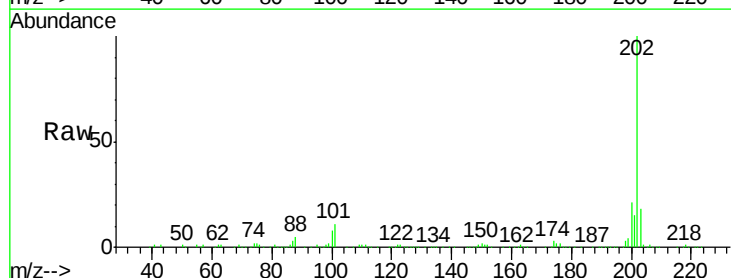
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-9

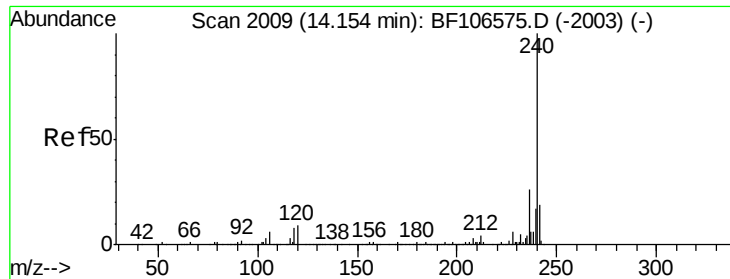
Tgt Ion:167 Resp: 12830
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.6 26.4
 139 13.3 10.9 16.3



#74
 Fluoranthene
 Concen: 36.882 ng
 RT: 12.71 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF107242.D
 Acq: 9 Jul 2018 21:14

Tgt Ion:202 Resp: 232437
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 34.1
 203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107242.D

Acq: 9 Jul 2018 21:14

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-9

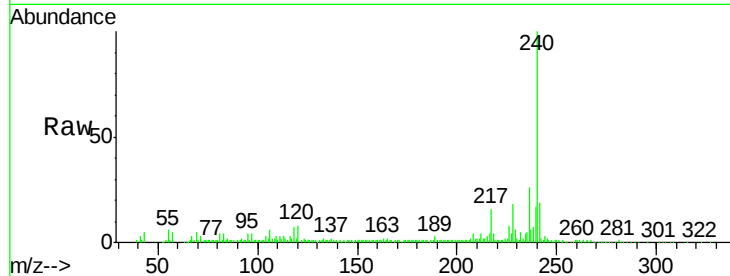
Tgt Ion:240 Resp: 86618

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

236 25.9 20.7 31.1

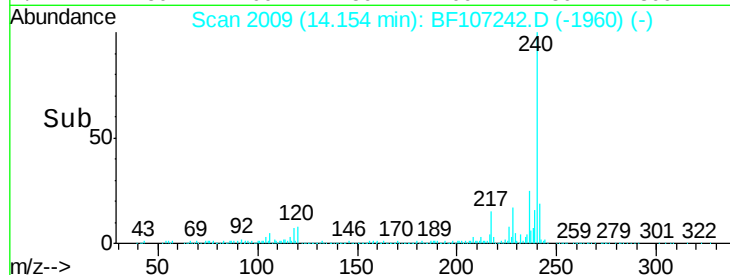


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



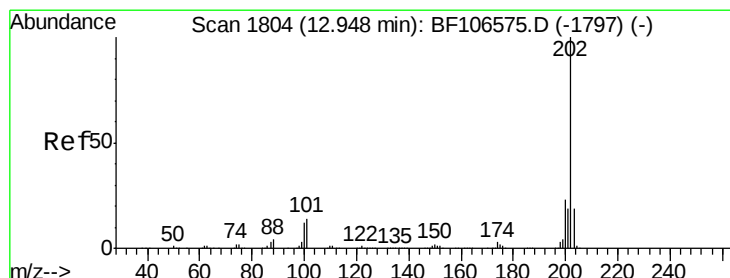
Abundance

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

Time-->



#77

Pyrene

Concen: 37.596 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF107242.D

Acq: 9 Jul 2018 21:14

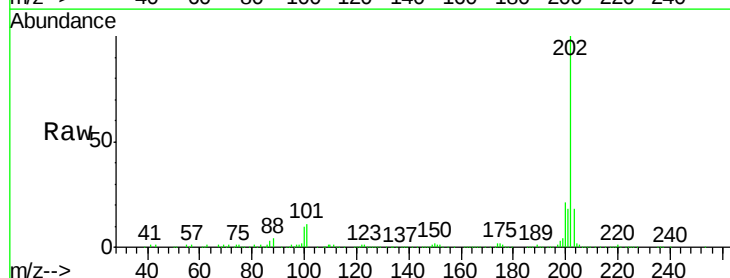
Tgt Ion:202 Resp: 214743

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

203 17.8 14.3 21.5

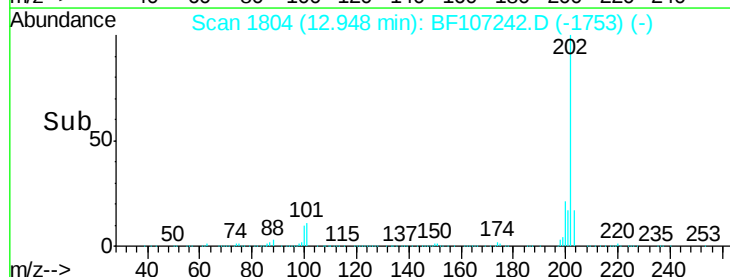


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



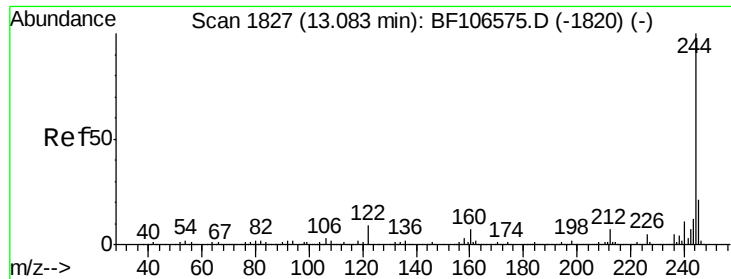
Abundance

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

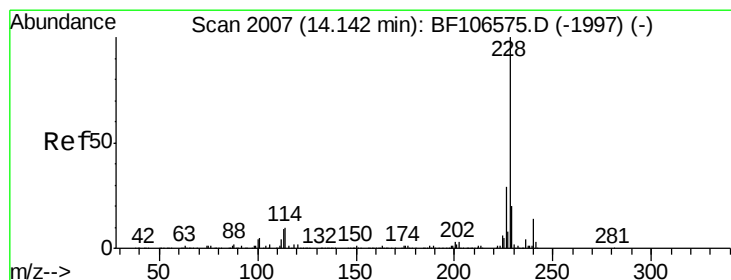
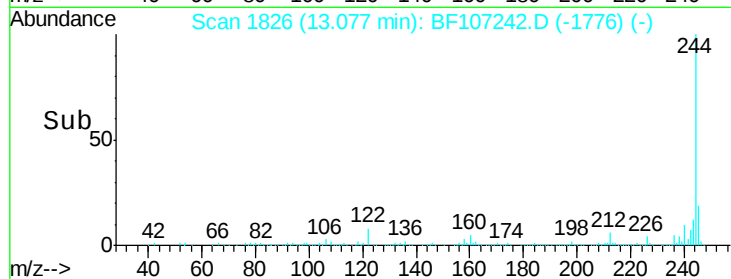
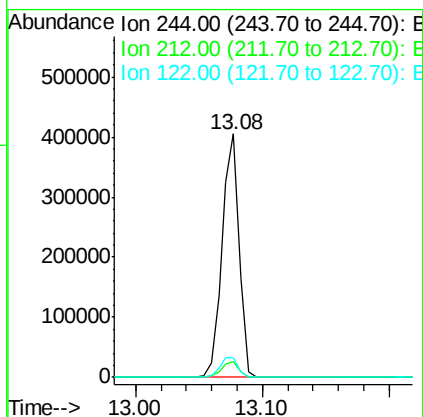
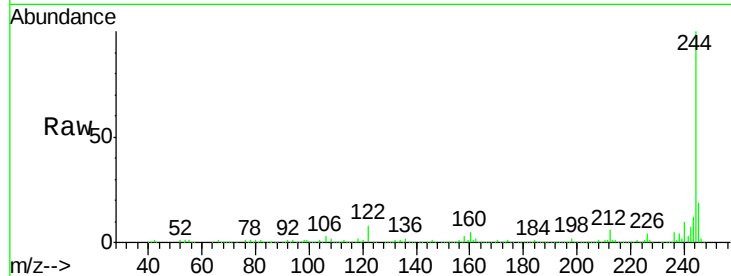
Time-->



#78
 Terphenyl-d14
 Concen: 106.183 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107242.D
 Acq: 9 Jul 2018 21:14

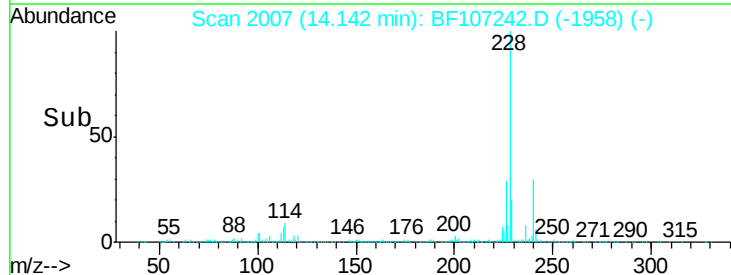
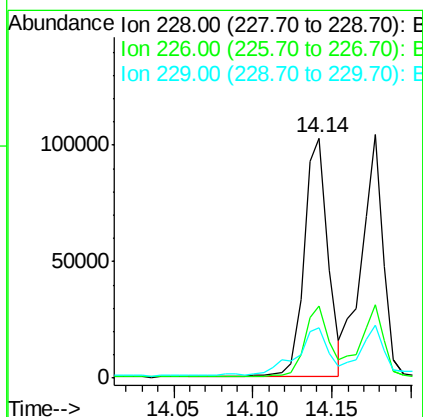
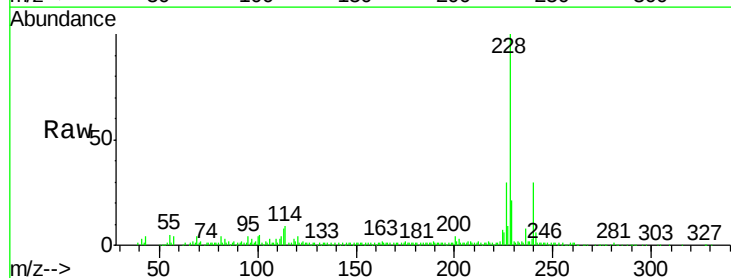
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-9

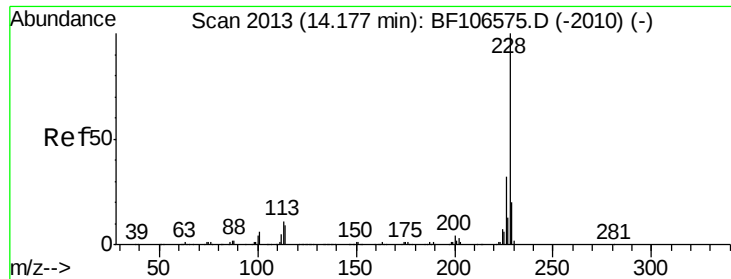
Tgt Ion:244 Resp: 379696
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.3 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 20.132 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF107242.D
 Acq: 9 Jul 2018 21:14

Tgt Ion:228 Resp: 106280
 Ion Ratio Lower Upper
 228 100
 226 29.8 22.6 33.8
 229 21.1 15.8 23.6





#82

Chrysene

Concen: 20.645 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF107242.D

Acq: 9 Jul 2018 21:14

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-9

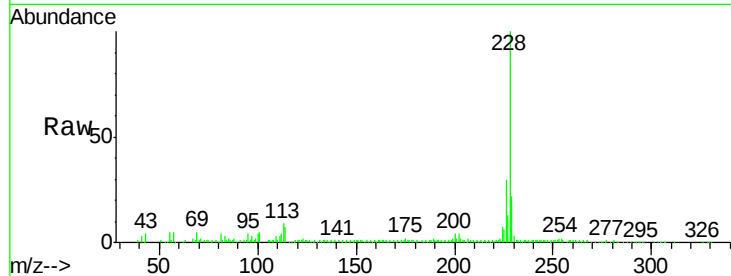
Tgt Ion:228 Resp: 100267

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

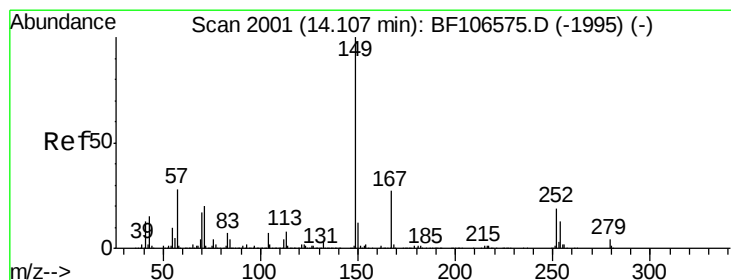
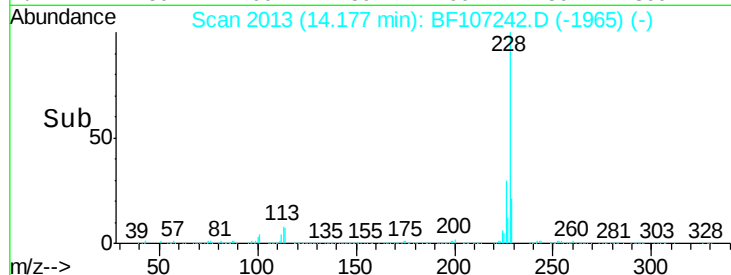
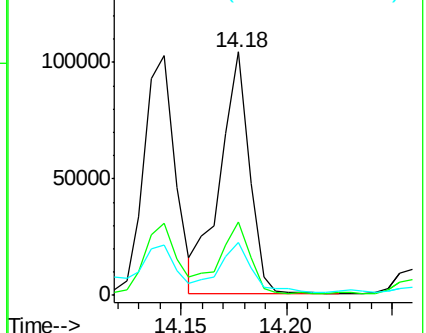
229 21.8 16.2 24.4



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: 2.188 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107242.D

Acq: 9 Jul 2018 21:14

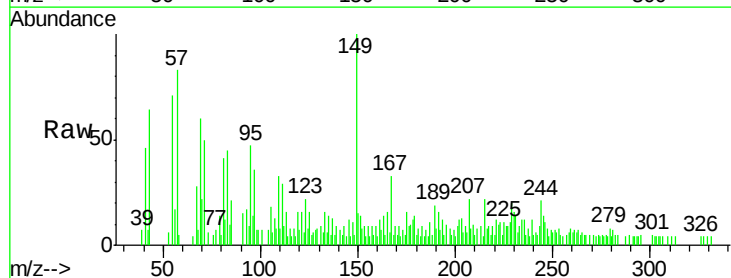
Tgt Ion:149 Resp: 6569

Ion Ratio Lower Upper

149 100

167 32.6 21.3 31.9#

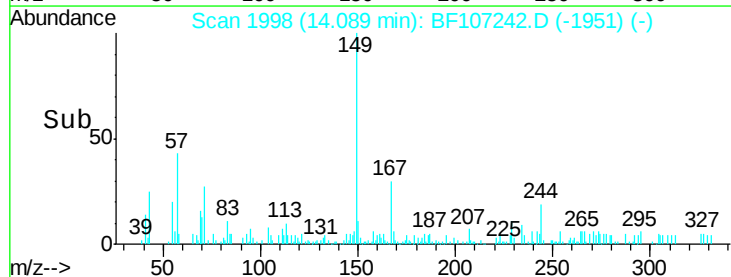
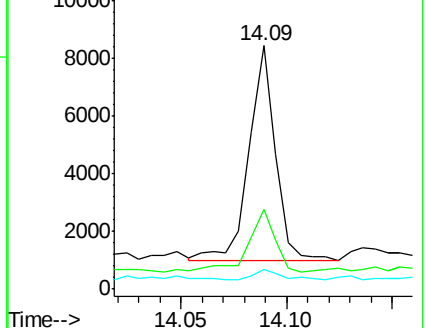
279 8.1 3.0 4.4#

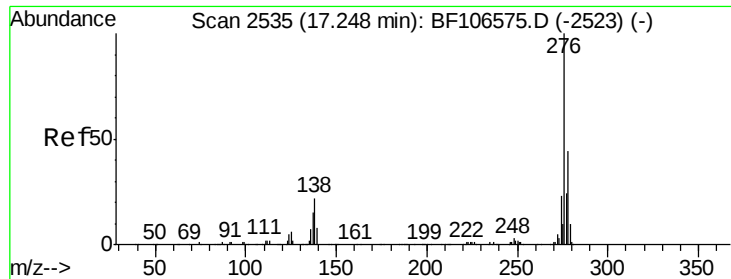


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

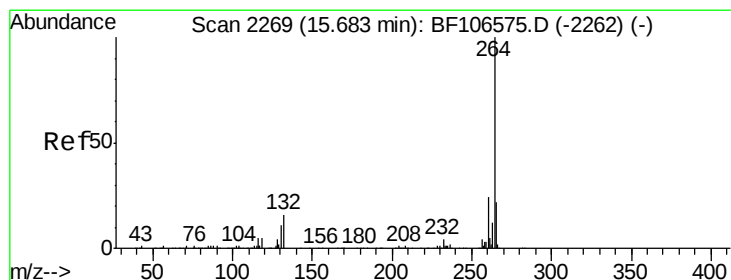
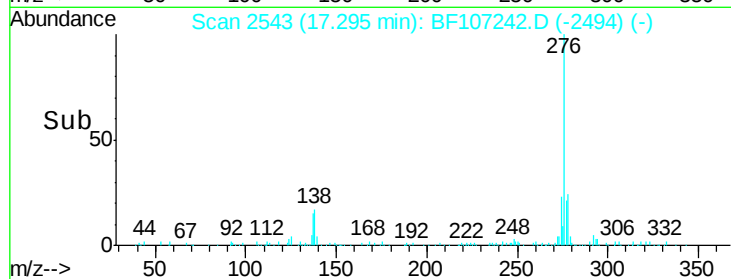
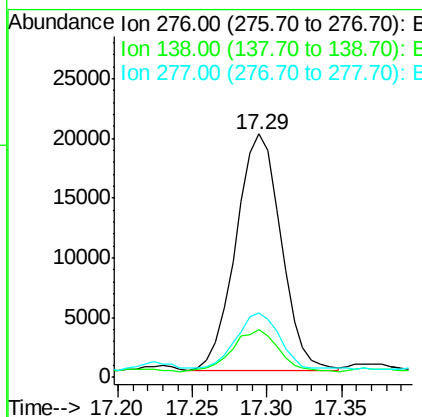
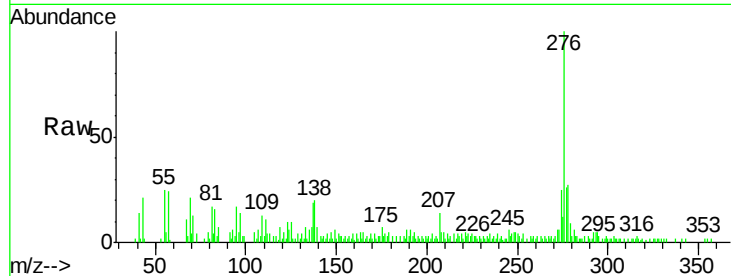




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 10.048 ng
 RT: 17.29 min Scan# 2543
 Delta R.T. -0.01 min
 Lab File: BF107242.D
 Acq: 9 Jul 2018 21:14

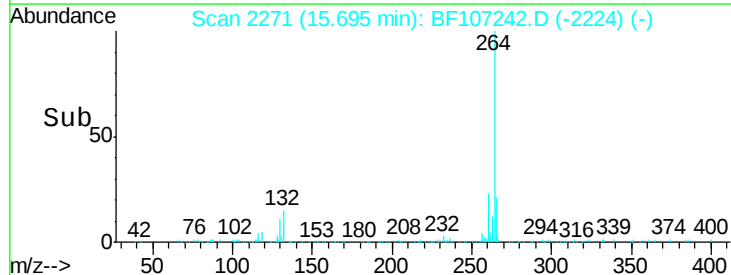
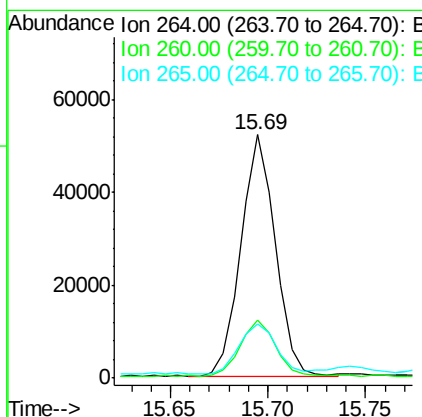
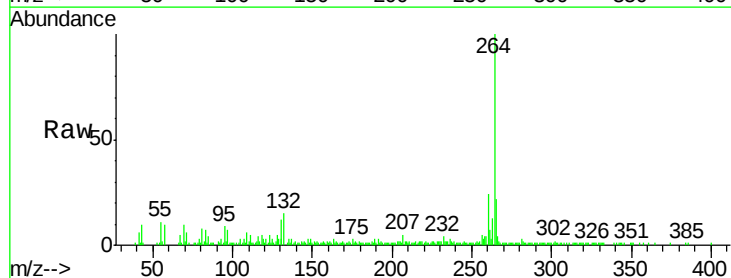
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-9

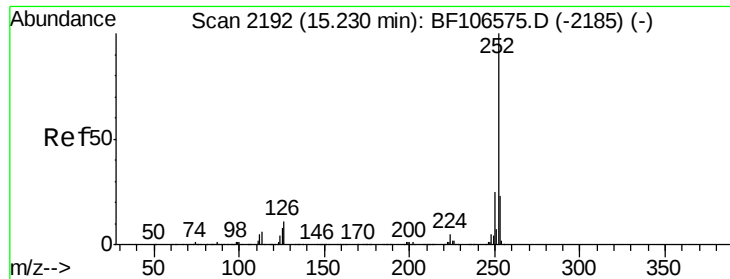
Tgt Ion:276 Resp: 41413
 Ion Ratio Lower Upper
 276 100
 138 18.4 25.0 37.6#
 277 22.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF107242.D
 Acq: 9 Jul 2018 21:14

Tgt Ion:264 Resp: 63709
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.3 17.5 26.3

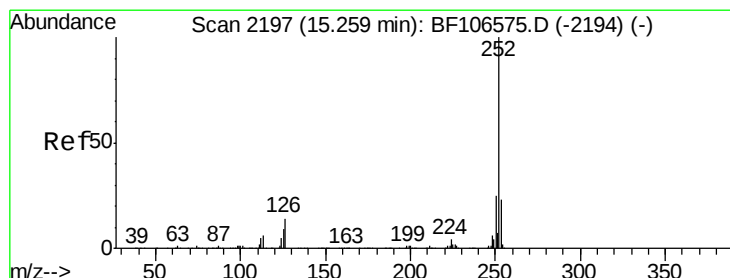
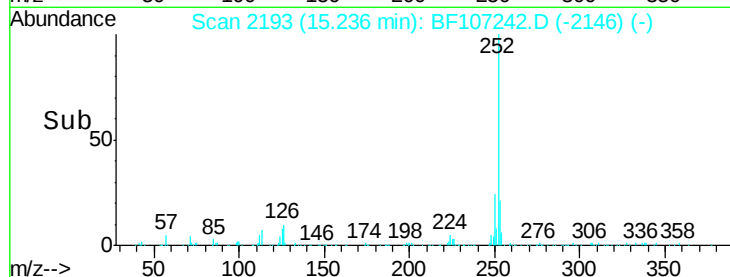
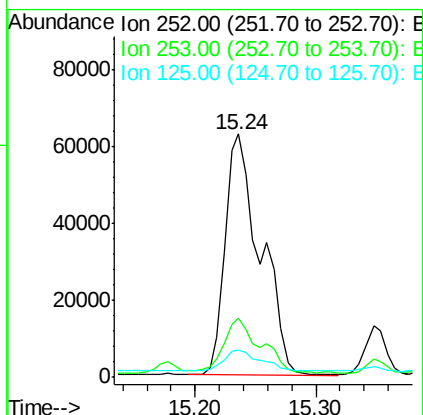
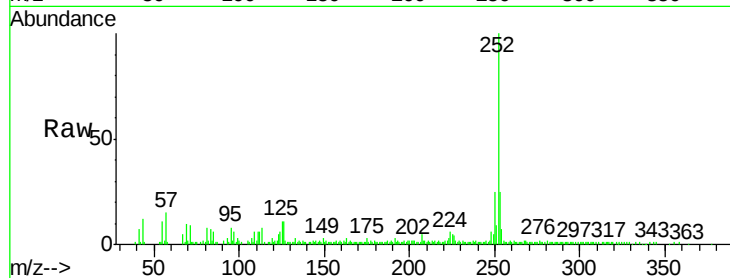




#87
Benzo(b)fluoranthene
Concen: 32.153 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

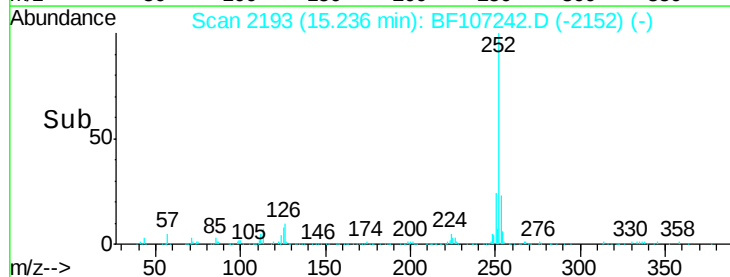
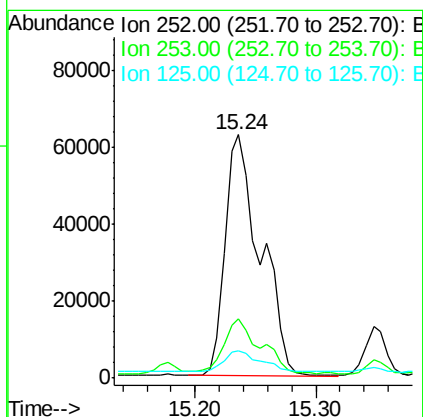
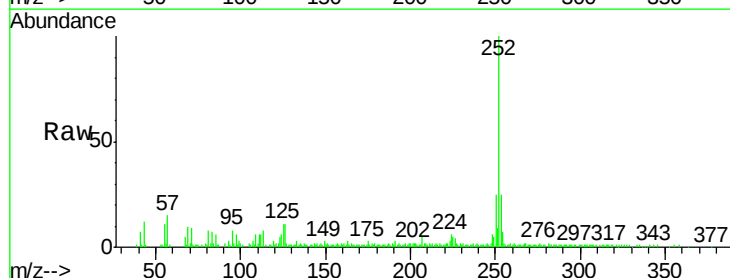
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-9

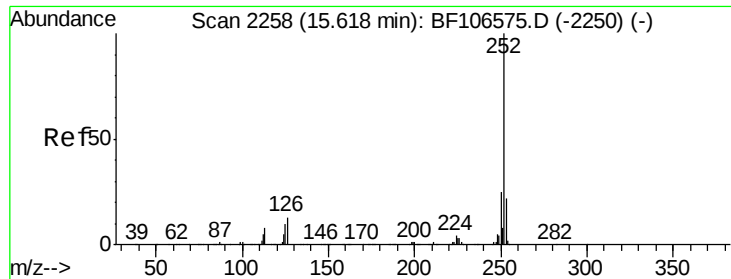
Tgt Ion:252 Resp: 127249
Ion Ratio Lower Upper
252 100
253 24.6 17.0 25.6
125 11.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 33.764 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

Tgt Ion:252 Resp: 127249
Ion Ratio Lower Upper
252 100
253 24.6 17.9 26.9
125 11.1 10.2 15.2

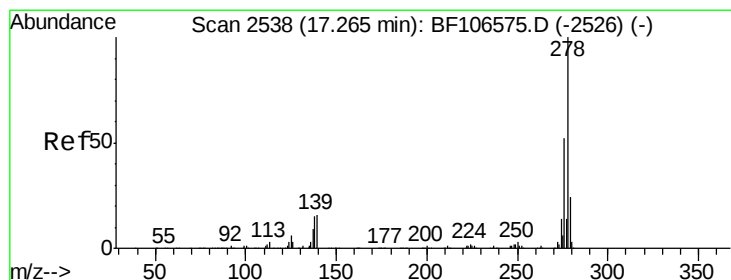
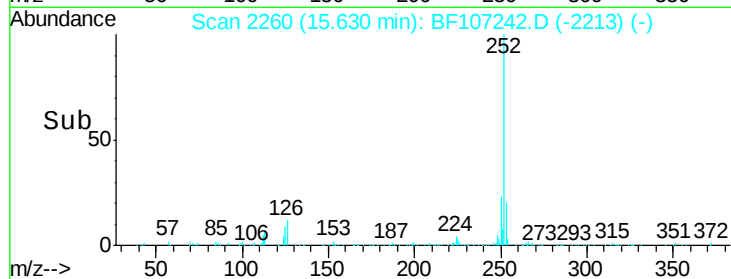
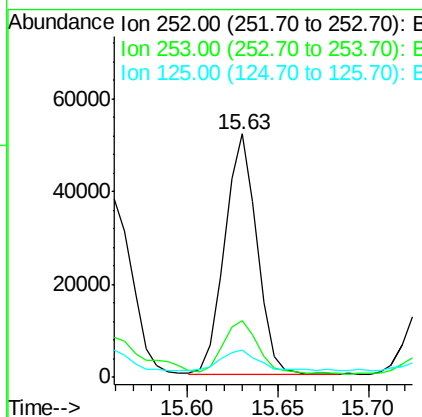
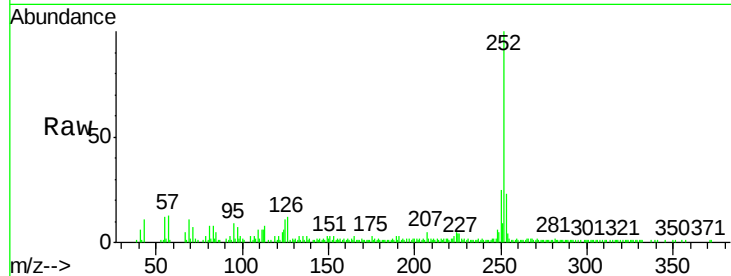




#89
Benzo(a)pyrene
Concen: 18.216 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

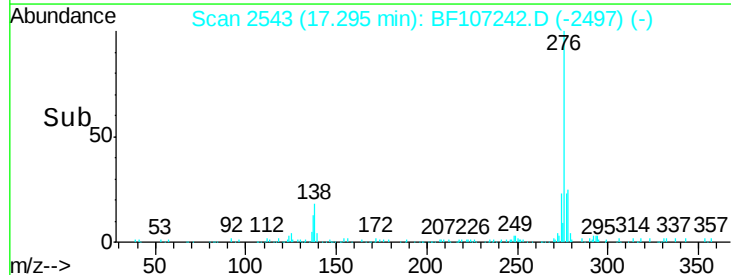
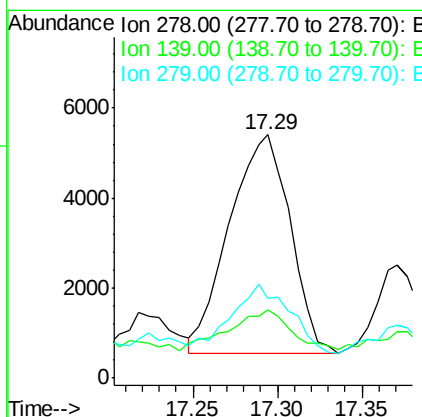
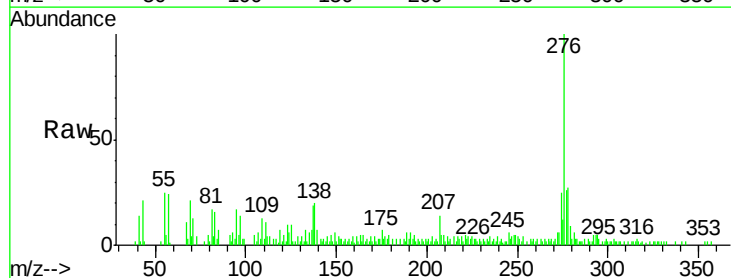
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-9

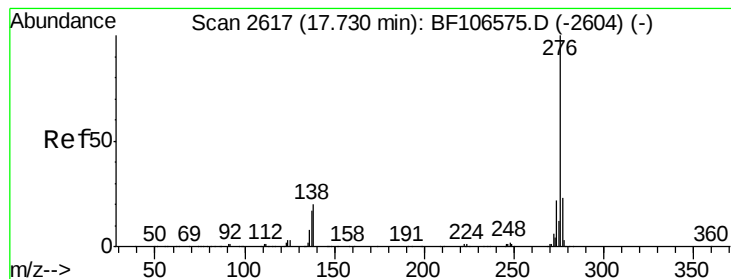
Tgt Ion:252 Resp: 64089
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 11.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 4.068 ng
RT: 17.29 min Scan# 2543
Delta R.T. -0.03 min
Lab File: BF107242.D
Acq: 9 Jul 2018 21:14

Tgt Ion:278 Resp: 12130
Ion Ratio Lower Upper
278 100
139 28.2 15.9 23.9#
279 32.7 19.0 28.4#





#91

Benzo(g,h,i)perylene

Concen: 13.500 ng

RT: 17.79 min Scan# 2627

Delta R.T. -0.00 min

Lab File: BF107242.D

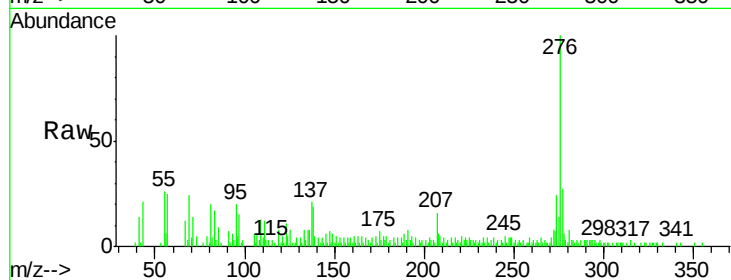
Acq: 9 Jul 2018 21:14

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-9



Tgt Ion:	276	Resp:	39342
Ion	Ratio	Lower	Upper
276	100		
277	26.7	17.9	26.9
138	18.7	21.8	32.8#

