

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
 Data File : BF107207.D
 Acq On : 7 Jul 2018 15:35
 Operator : JU/SJ
 Sample : J3881-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-25

Quant Time: Jul 09 02:14:06 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

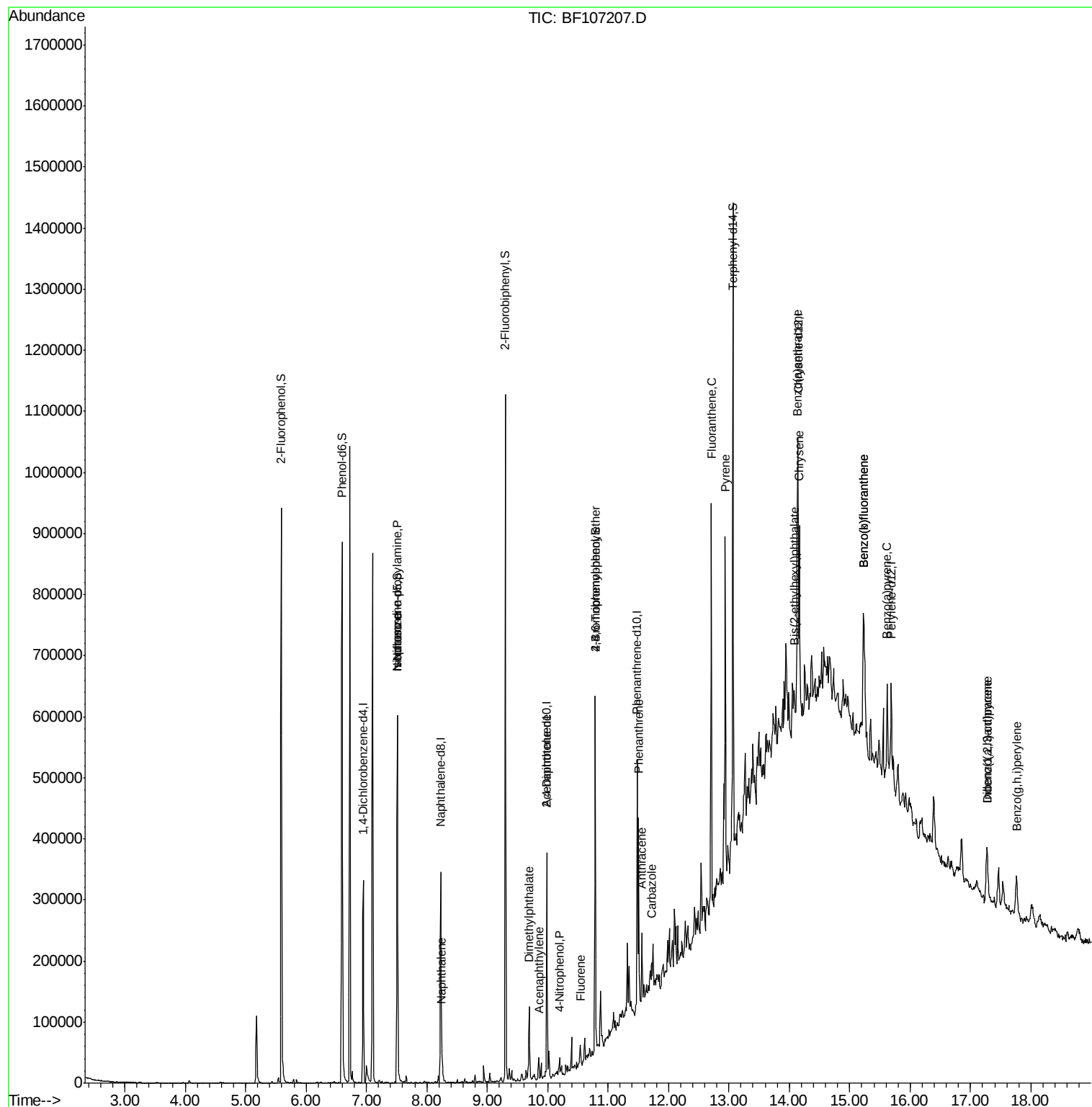
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	49376	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	163272	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	71663	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	148923	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	132840	20.00	ng	-0.02
86) Perylene-d12	15.69	264	99015	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	279286	95.78	ng	-0.01
7) Phenol-d6	6.60	99	330940	90.88	ng	-0.02
23) Nitrobenzene-d5	7.51	82	197466	67.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	88284	106.29	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	346042	81.05	ng	-0.02
78) Terphenyl-d14	13.07	244	453300	82.66	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	25667	10.693	ng	# 73
25) Isophorone	7.51	82	197463	38.142	ng	# 64
31) Naphthalene	8.25	128	18456	2.418	ng	98
48) Acenaphthylene	9.85	152	15929	2.244	ng	98
49) Dimethylphthalate	9.70	163	45166	8.403	ng	98
55) 4-Nitrophenol	10.20	139	3891	4.256	ng	# 15
56) 2,4-Dinitrotoluene	9.99	165	10399	7.000	ng	# 21
57) Fluorene	10.54	166	11628	2.394	ng	# 94
66) 4-Bromophenyl-phenylether	10.78	248	5355	3.013	ng	# 1
70) Phenanthrene	11.51	178	112469	15.658	ng	99
71) Anthracene	11.56	178	41879	5.712	ng	99
72) Carbazole	11.72	167	13759	2.004	ng	# 94
74) Fluoranthene	12.71	202	274356	34.654	ng	96
77) Pyrene	12.94	202	267111	30.493	ng	99
80) Benzo(a)anthracene	14.13	228	144793	17.884	ng	98
82) Chrysene	14.17	228	135808	18.233	ng	97
83) Bis(2-ethylhexyl)phthalate	14.08	149	11225	2.438	ng	# 81
85) Indeno(1,2,3-cd)pyrene	17.28	276	56784	8.983	ng	# 87
87) Benzo(b)fluoranthene	15.23	252	184214	29.950	ng	94
88) Benzo(k)fluoranthene	15.23	252	184214	31.450	ng	97
89) Benzo(a)pyrene	15.62	252	92459	16.909	ng	93
90) Dibenzo(a,h)anthracene	17.27	278	16019	3.457	ng	# 77
91) Benzo(g,h,i)perylene	17.76	276	57234	12.636	ng	91

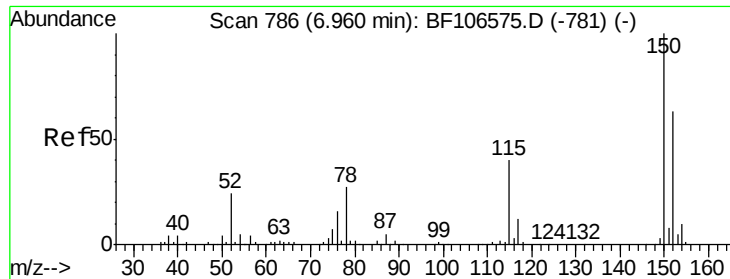
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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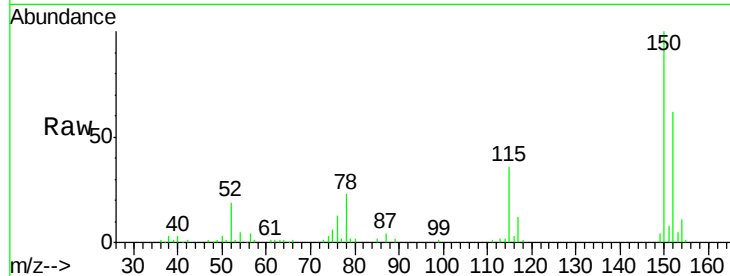


#1

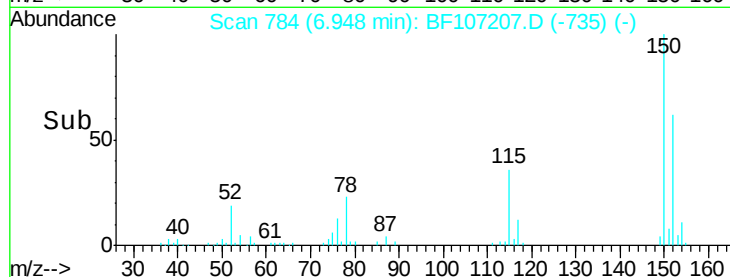
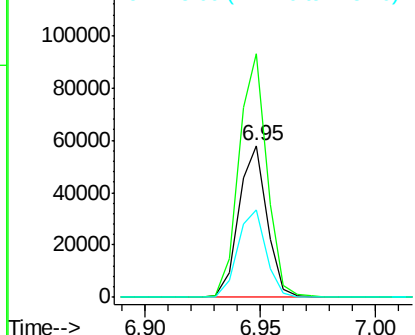
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF107207.D
 Acq: 7 Jul 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-25

Tgt Ion:152 Resp: 49376
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.6 186.8
 115 57.7 50.1 75.1



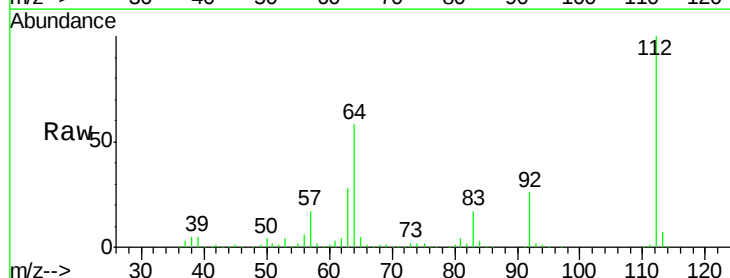
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



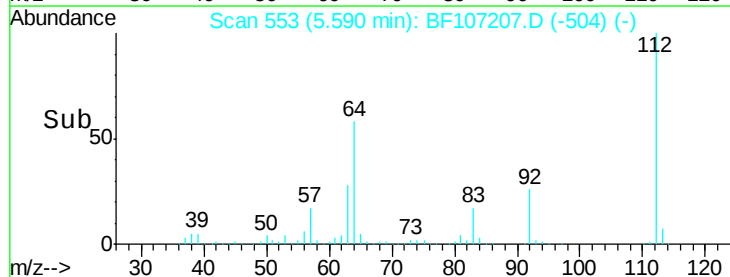
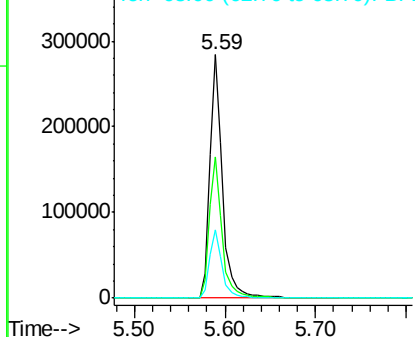
#5

2-Fluorophenol
 Concen: 95.779 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF107207.D
 Acq: 7 Jul 2018 15:35

Tgt Ion:112 Resp: 279286
 Ion Ratio Lower Upper
 112 100
 64 57.8 47.9 71.9
 63 28.2 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: 90.882 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-25

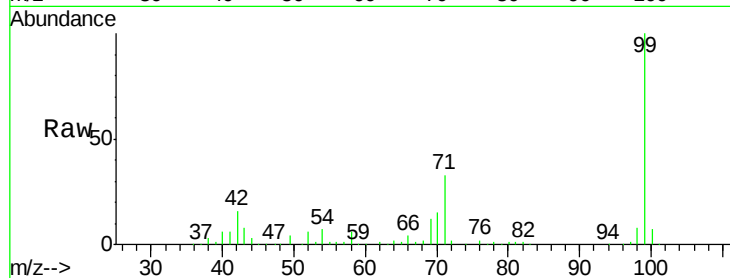
Tgt Ion: 99 Resp: 330940

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

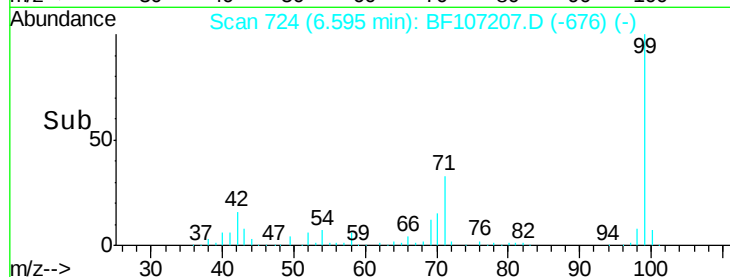
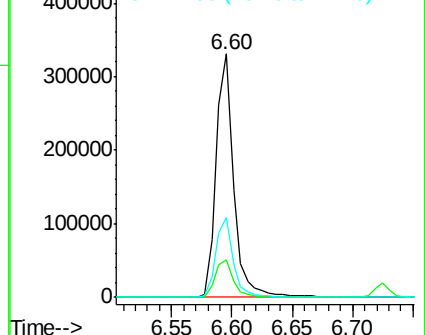
71 32.9 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.693 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

Tgt Ion: 70 Resp: 25667

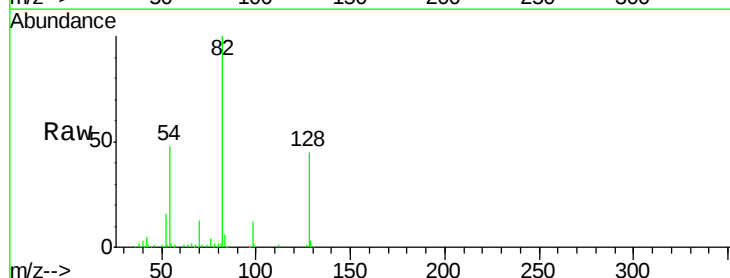
Ion Ratio Lower Upper

70 100

42 42.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

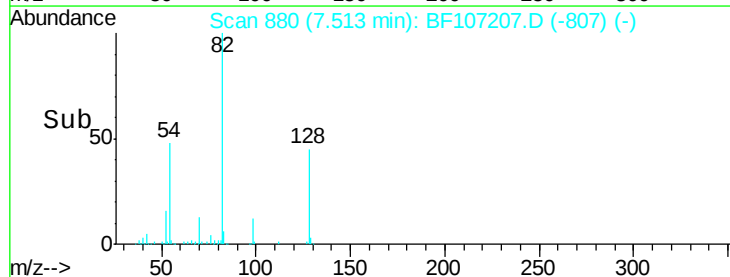
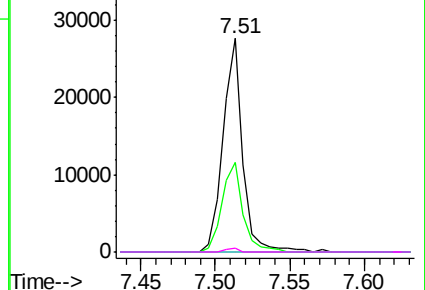


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

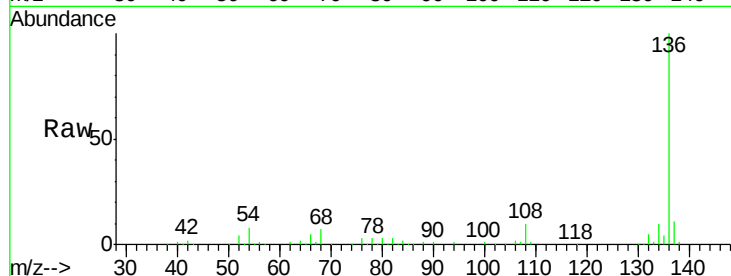




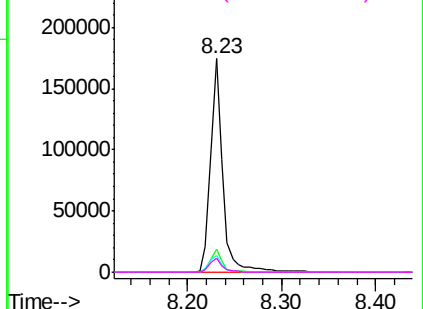
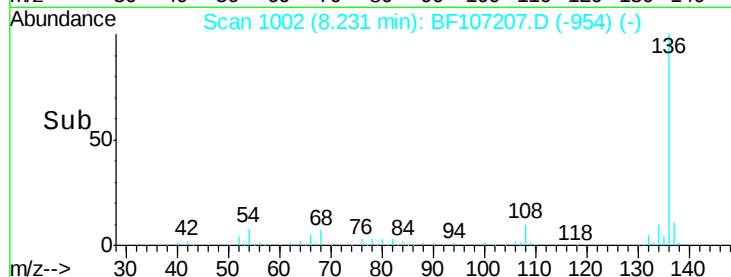
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107207.D
Acq: 7 Jul 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-25

Tgt Ion: 136 Resp: 163272
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.6 6.6 9.8
68 6.6 5.0 7.4

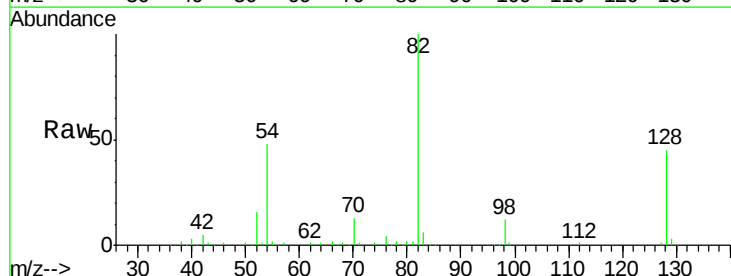


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

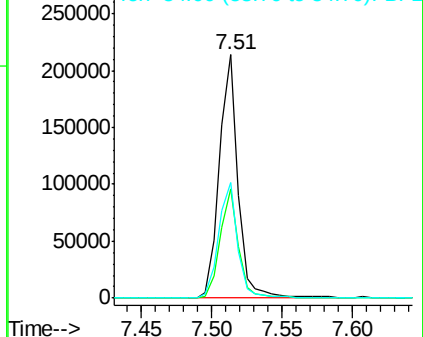
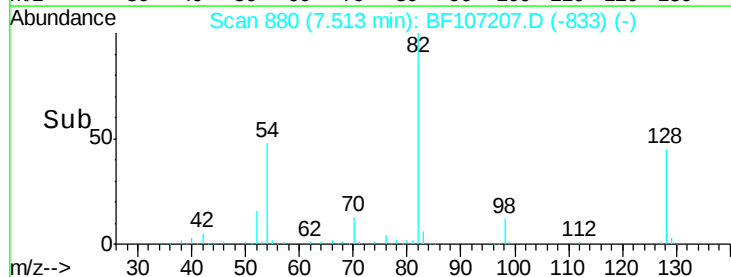


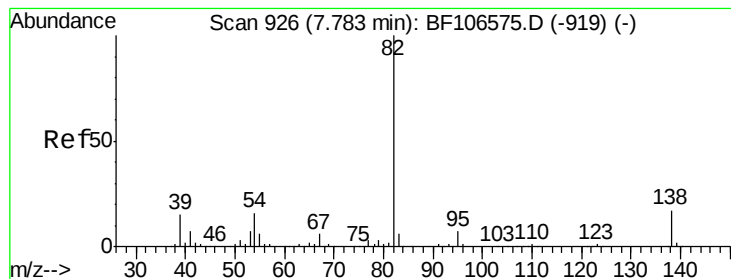
#23
Nitrobenzene-d5
Concen: 67.212 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107207.D
Acq: 7 Jul 2018 15:35

Tgt Ion: 82 Resp: 197466
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 47.5 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: 38.142 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-25

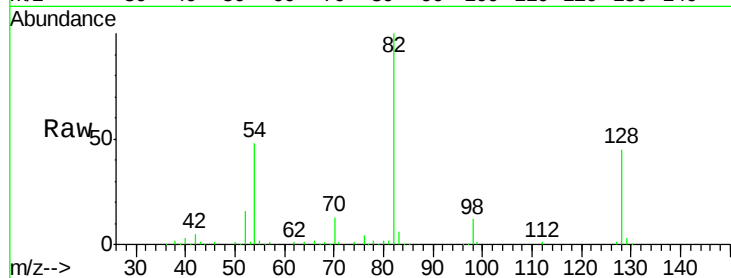
Tgt Ion: 82 Resp: 197463

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

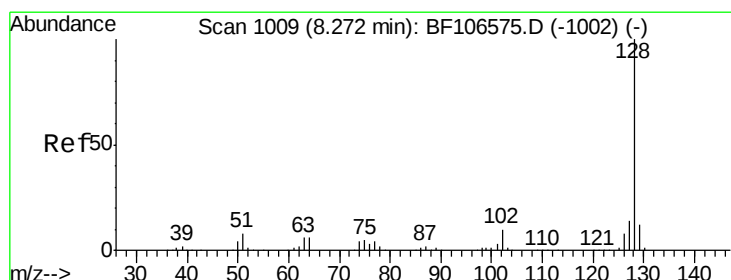
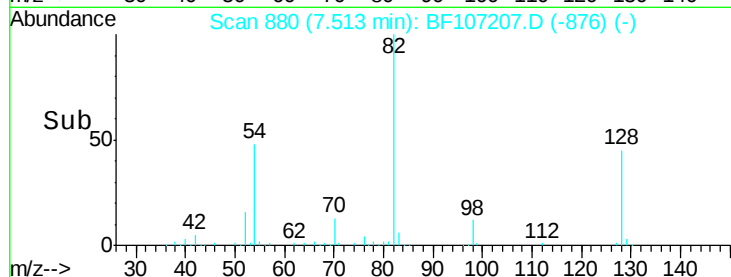
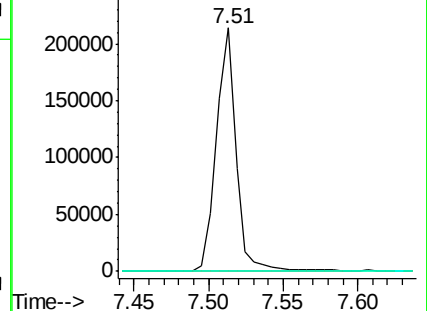
138 0.0 14.9 22.3#



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: 2.418 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

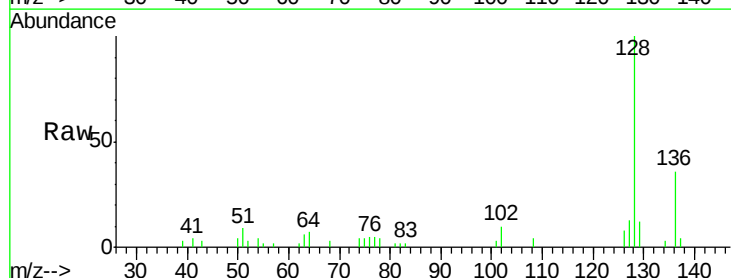
Tgt Ion: 128 Resp: 18456

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

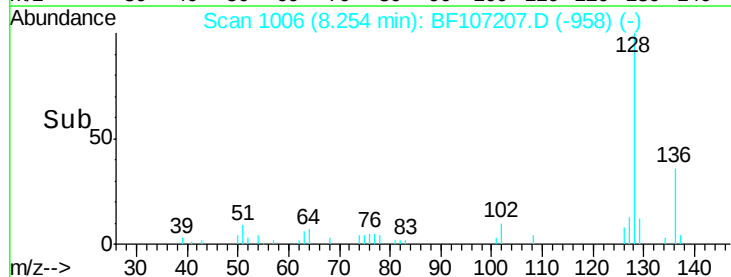
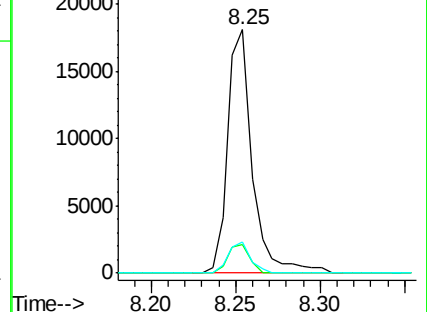
127 12.9 10.9 16.3

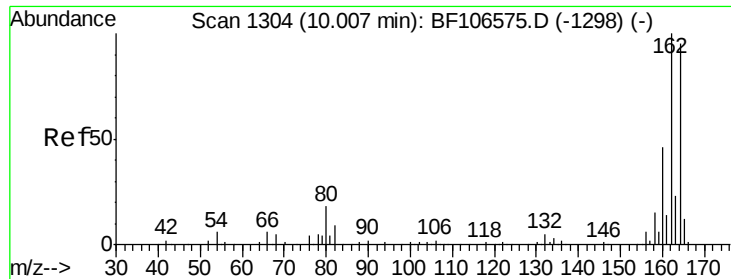


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

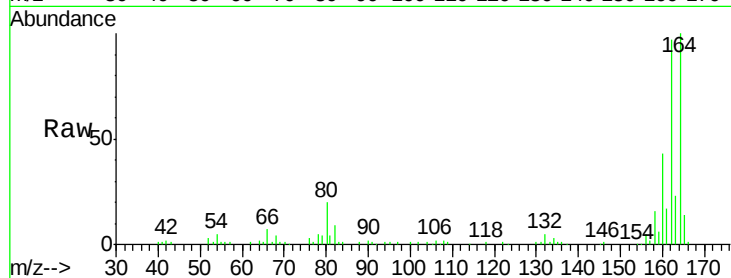




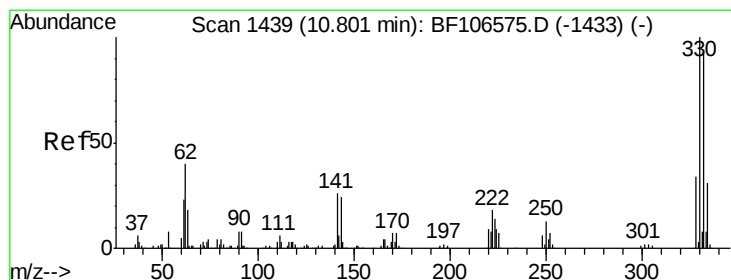
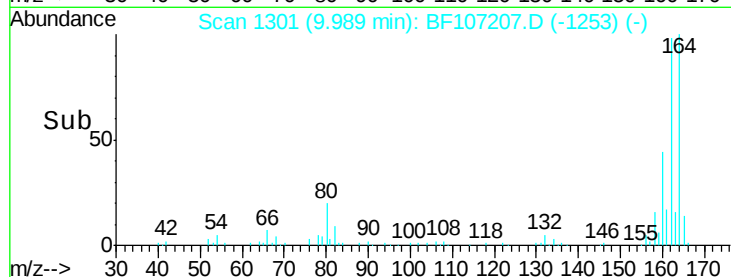
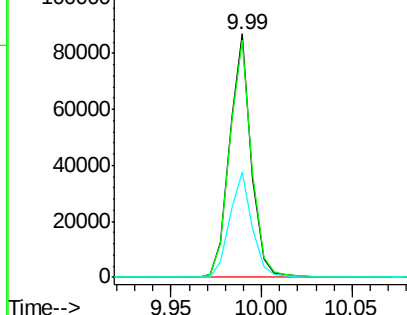
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107207.D
 Acq: 7 Jul 2018 15:35

Instrument :
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Tgt Ion:164 Resp: 71663
 Ion Ratio Lower Upper
 164 100
 162 97.2 86.1 129.1
 160 43.4 38.3 57.5

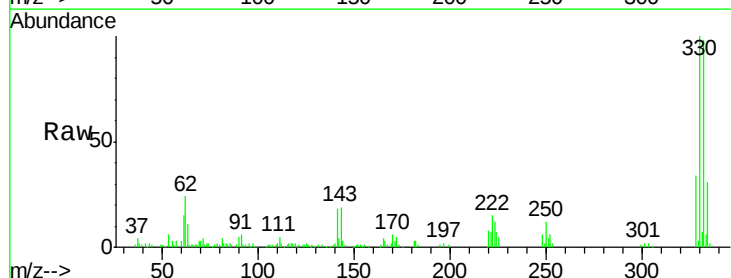


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

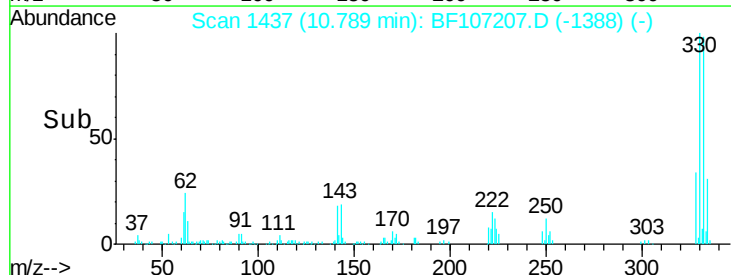
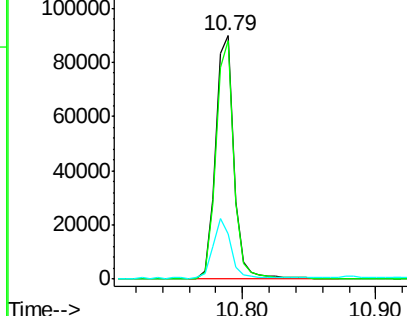


#41
 2,4,6-Tribromophenol
 Concen: 106.290 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107207.D
 Acq: 7 Jul 2018 15:35

Tgt Ion:330 Resp: 88284
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 26.2 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

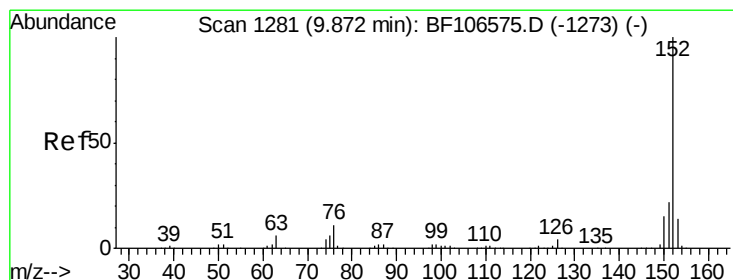
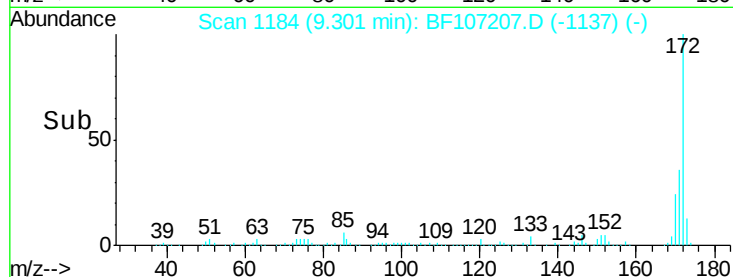
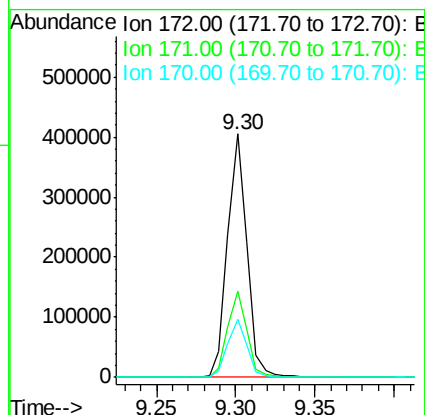
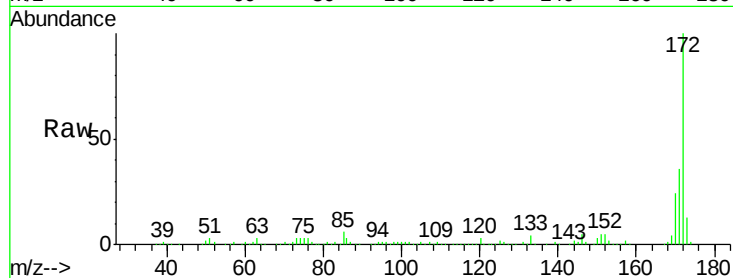




#44
 2-Fluorobiphenyl
 Concen: 81.046 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107207.D
 Acq: 7 Jul 2018 15:35

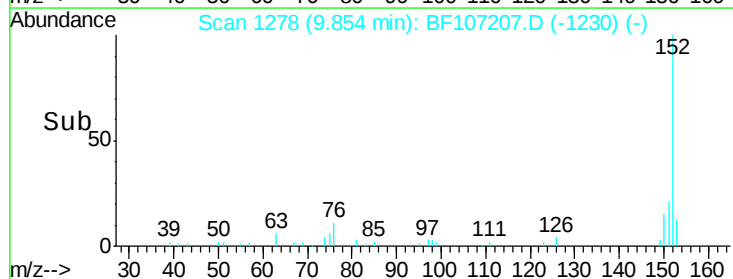
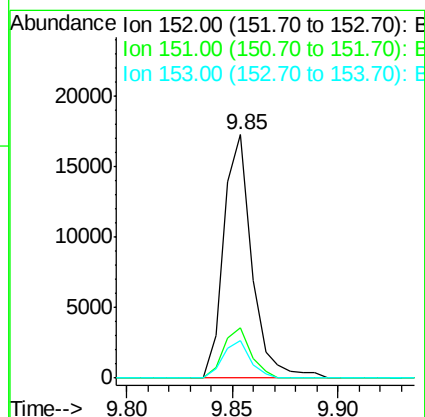
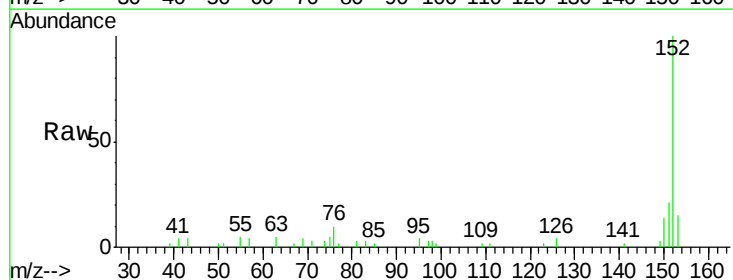
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-25

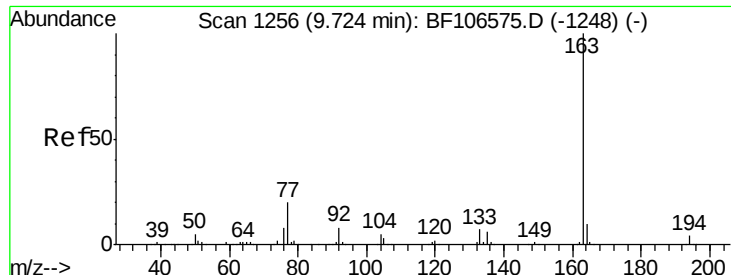
Tgt Ion:172 Resp: 346042
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.8 19.6 29.4



#48
 Acenaphthylene
 Concen: 2.244 ng
 RT: 9.85 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF107207.D
 Acq: 7 Jul 2018 15:35

Tgt Ion:152 Resp: 15929
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 15.4 10.7 16.1

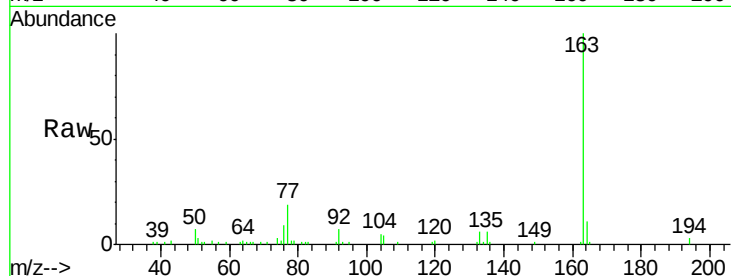




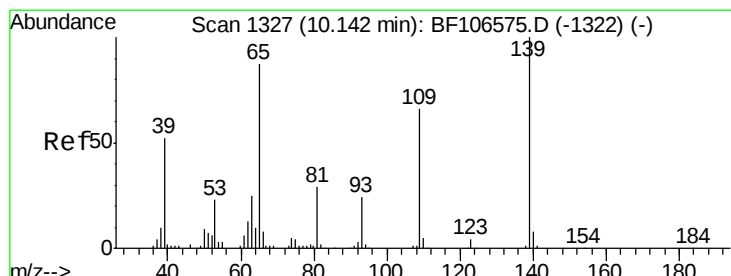
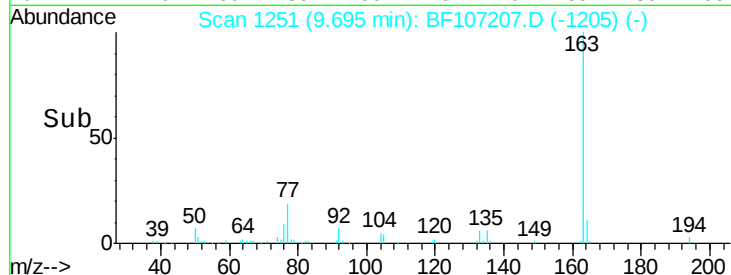
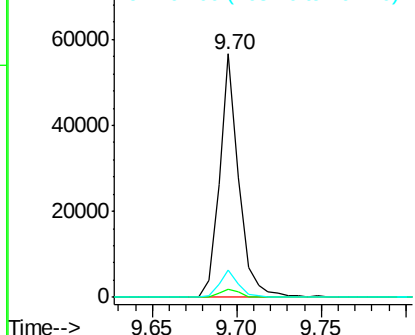
#49
Dimethylphthalate
Concen: 8.403 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107207.D
Acq: 7 Jul 2018 15:35

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-25

Tgt Ion:163 Resp: 45166
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 11.0 8.2 12.2

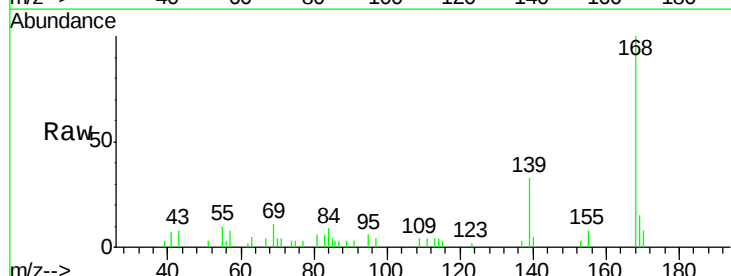


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

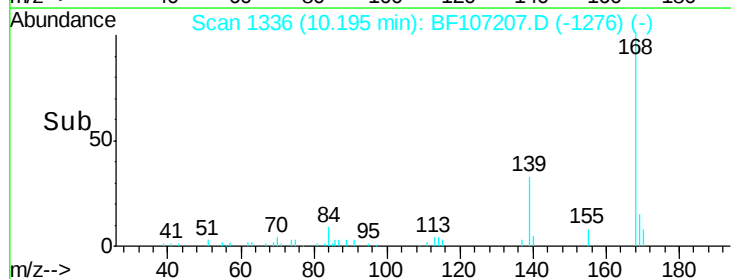
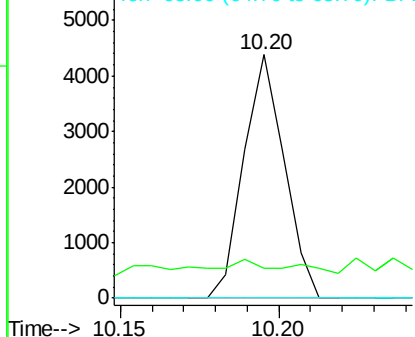


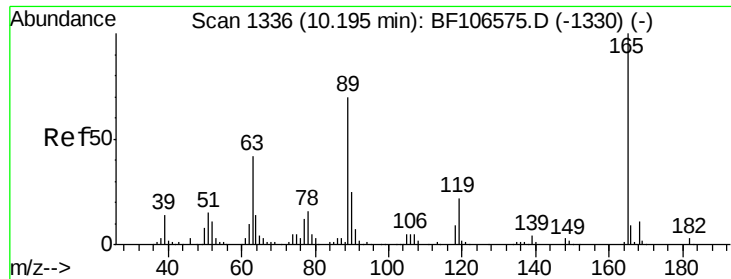
#55
4-Nitrophenol
Concen: 4.256 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF107207.D
Acq: 7 Jul 2018 15:35

Tgt Ion:139 Resp: 3891
Ion Ratio Lower Upper
139 100
109 12.2 48.4 88.4#
65 0.0 72.6 112.6#



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

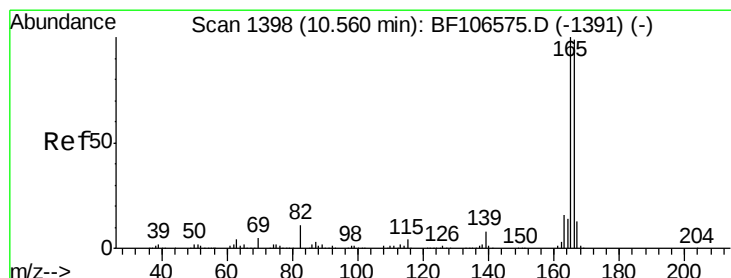
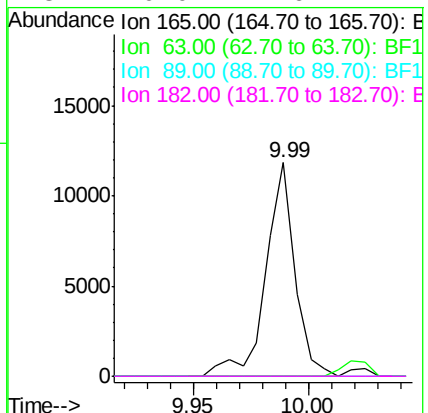
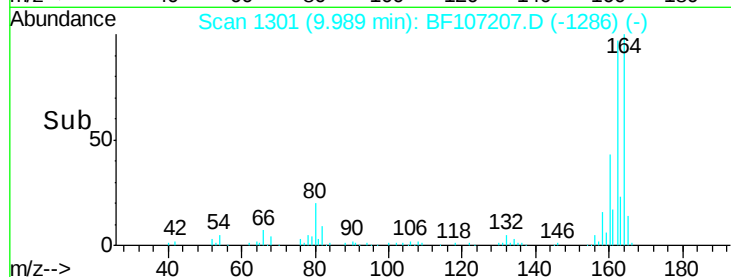
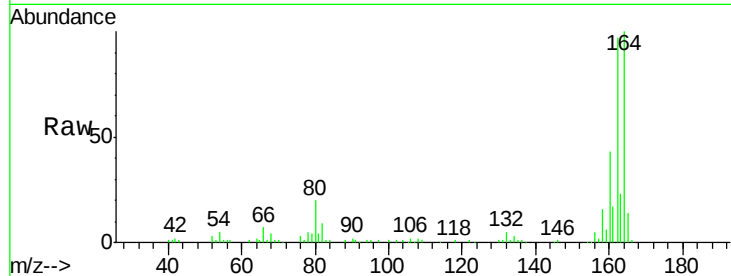




#56
2,4-Dinitrotoluene
Concen: 7.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107207.D
Acq: 7 Jul 2018 15:35

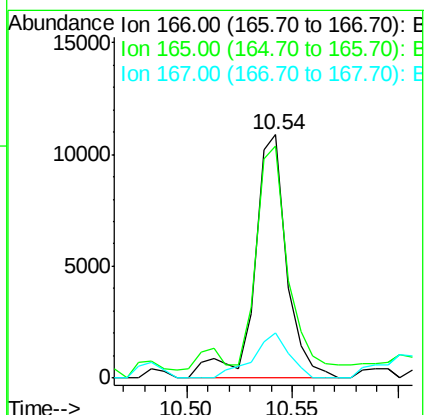
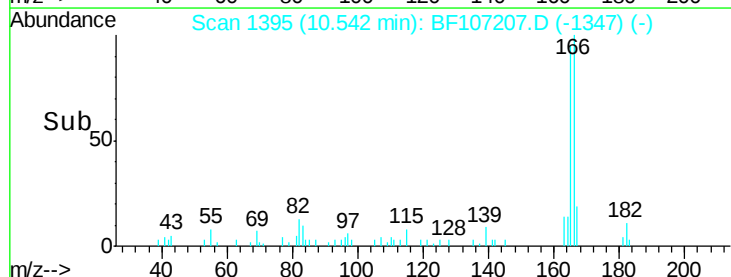
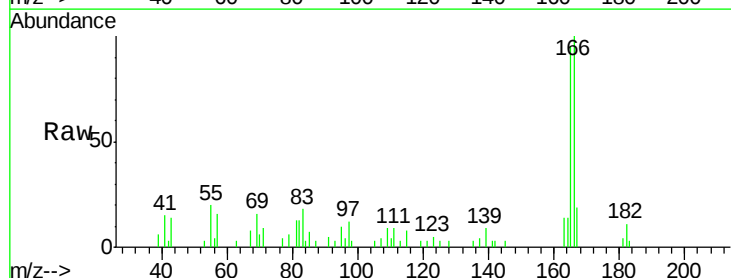
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-25

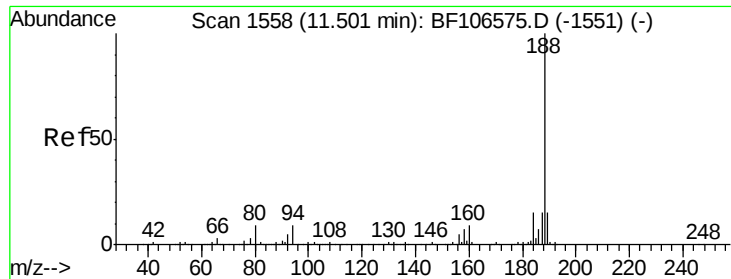
Tgt Ion:	165	Resp:	10399
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 2.394 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107207.D
Acq: 7 Jul 2018 15:35

Tgt Ion:	166	Resp:	11628
Ion	Ratio	Lower	Upper
166	100		
165	95.2	79.8	119.8
167	18.6	10.6	16.0#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-25

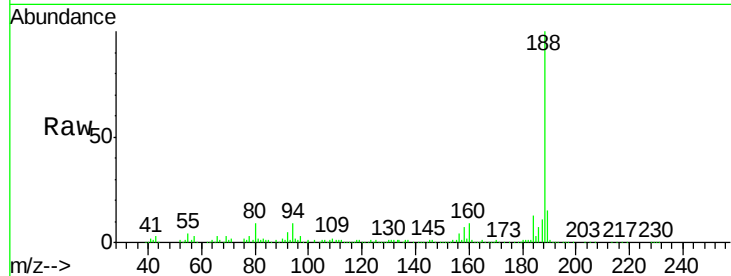
Tgt Ion:188 Resp: 148923

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

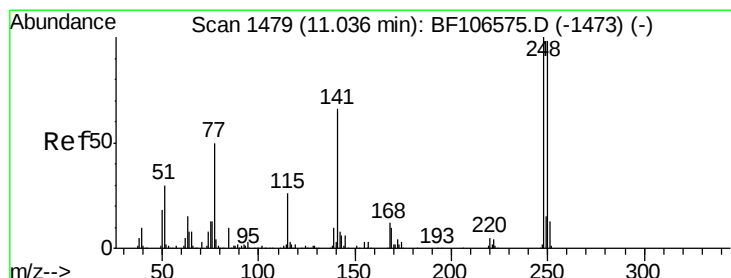
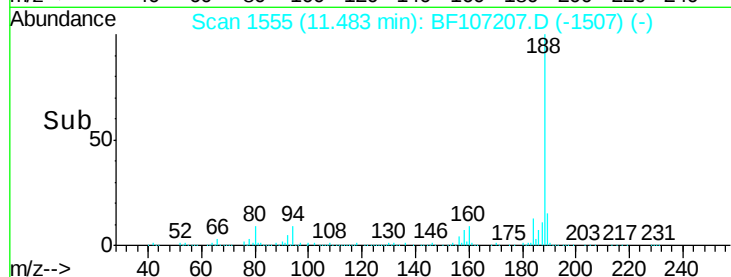
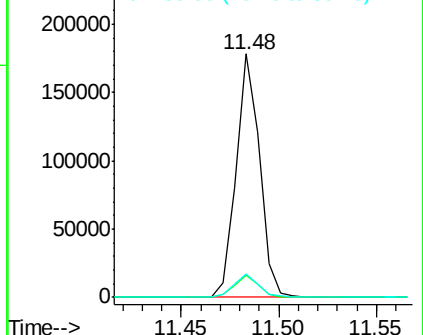
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

4-Bromophenyl-phenylether

Concen: 3.013 ng

RT: 10.78 min Scan# 1436

Delta R.T. -0.25 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

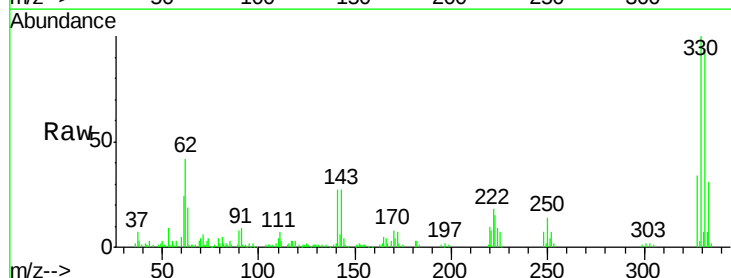
Tgt Ion:248 Resp: 5355

Ion Ratio Lower Upper

248 100

250 200.9 76.9 115.3#

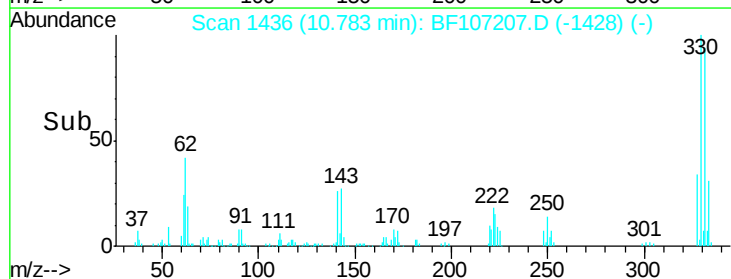
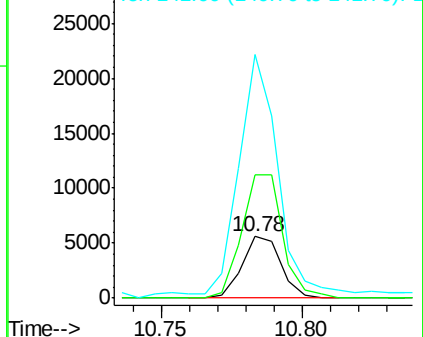
141 395.0 74.4 111.6#

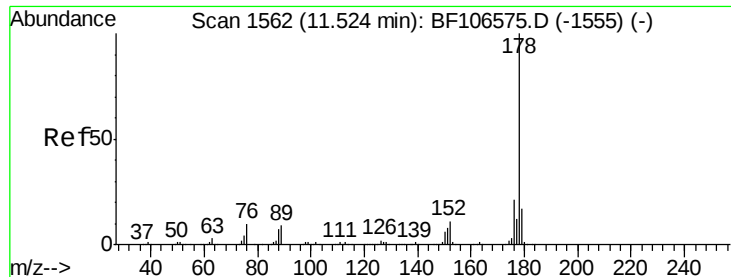


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 15.658 ng

RT: 11.51 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-25

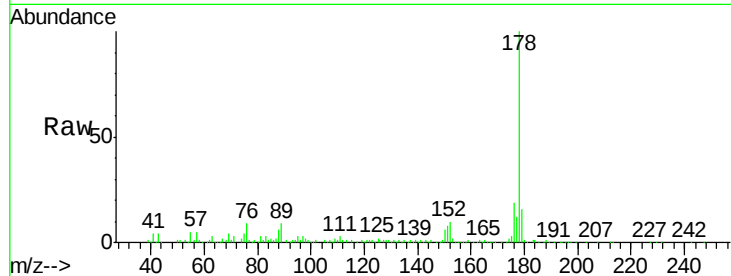
Tgt Ion:178 Resp: 112469

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

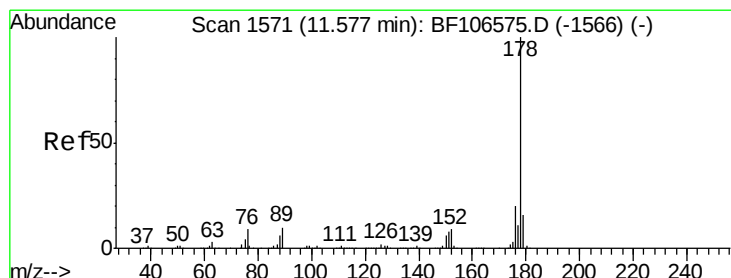
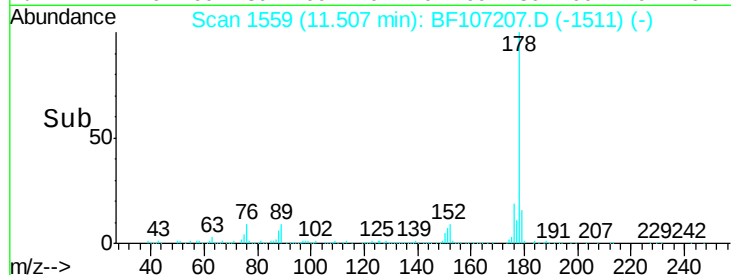
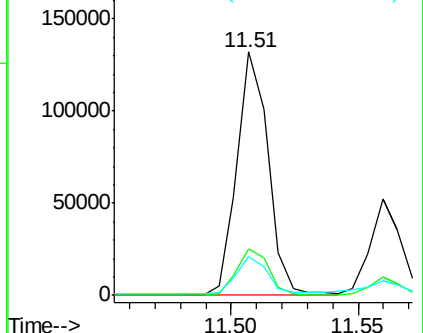
179 16.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 5.712 ng

RT: 11.56 min Scan# 1568

Delta R.T. -0.02 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

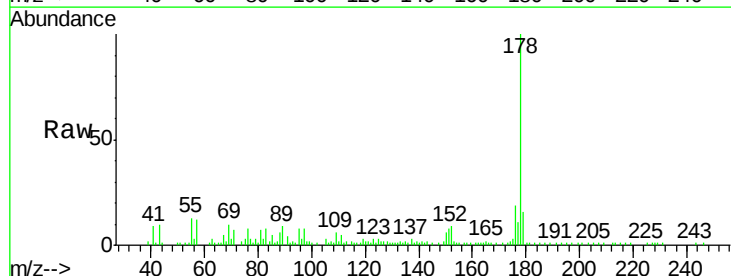
Tgt Ion:178 Resp: 41879

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

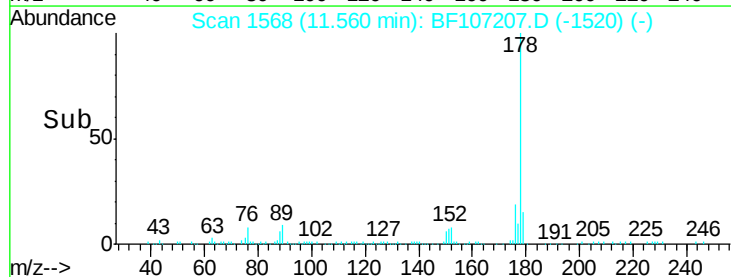
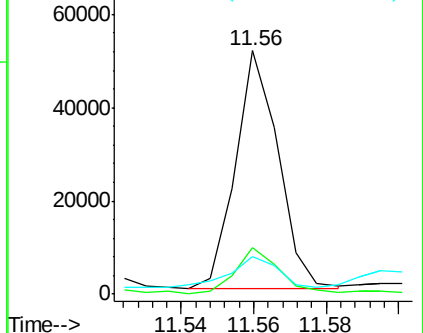
179 15.6 12.6 19.0

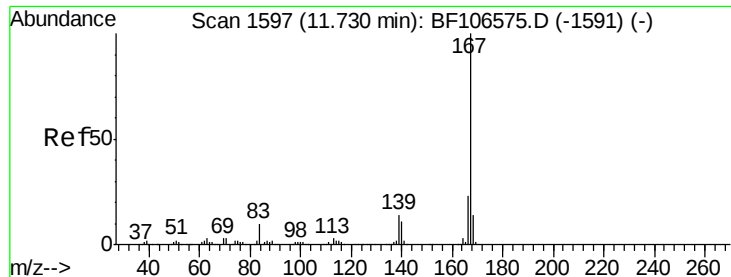


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.004 ng

RT: 11.72 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-25

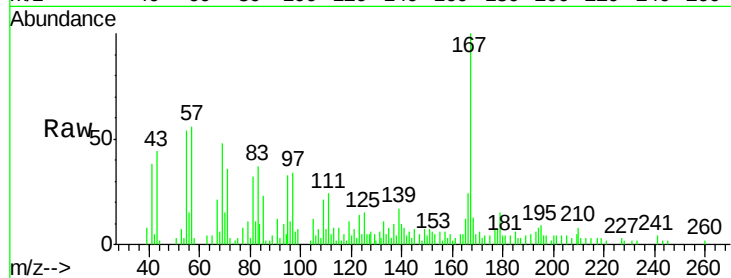
Tgt Ion:167 Resp: 13759

Ion Ratio Lower Upper

167 100

166 23.8 17.6 26.4

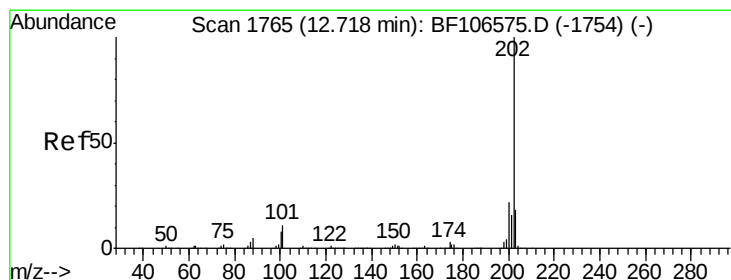
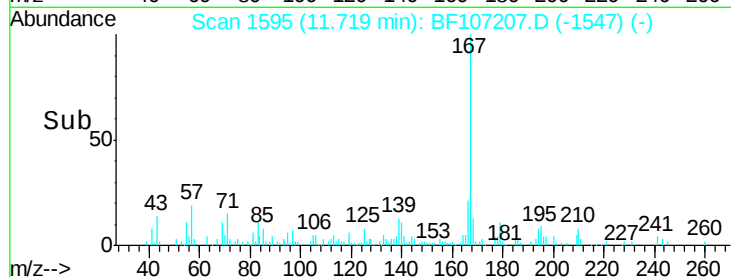
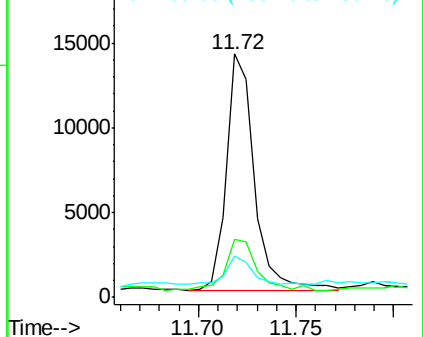
139 17.0 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 34.654 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

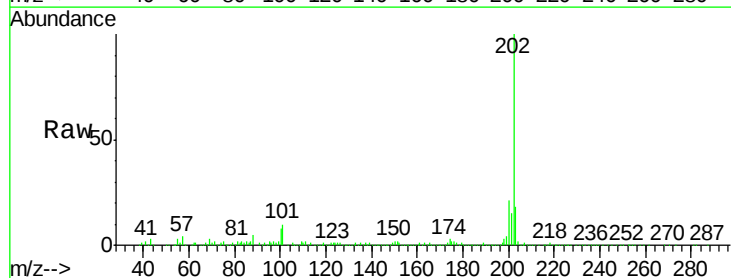
Tgt Ion:202 Resp: 274356

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.1

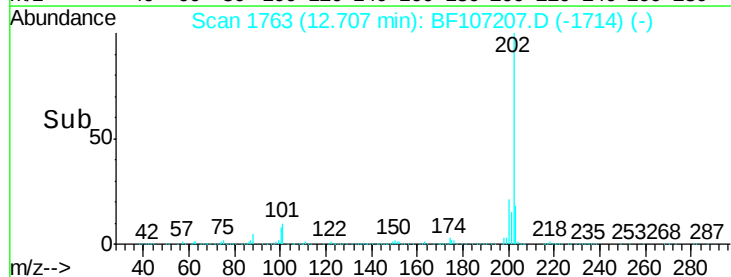
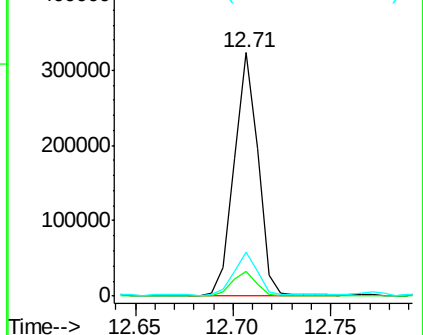
203 18.1 0.0 38.1

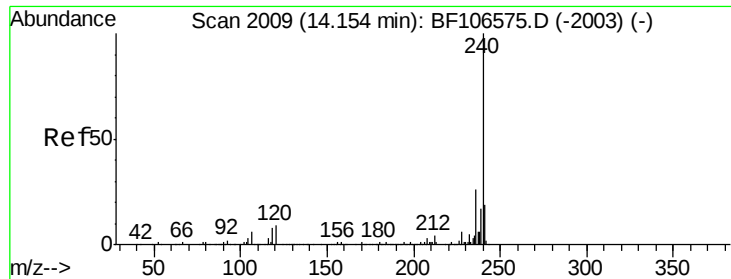


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-25

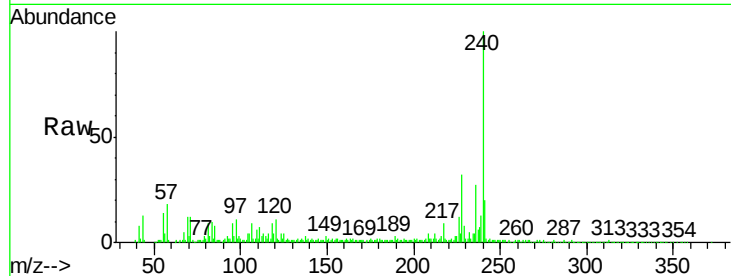
Tgt Ion:240 Resp: 132840

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

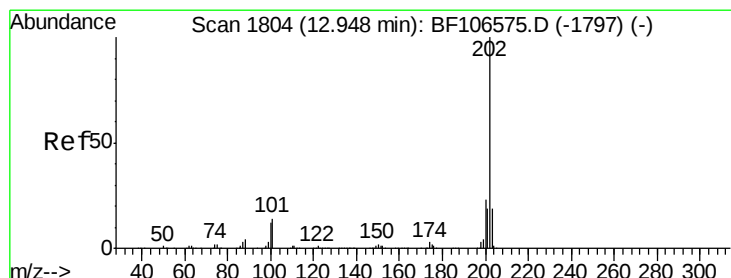
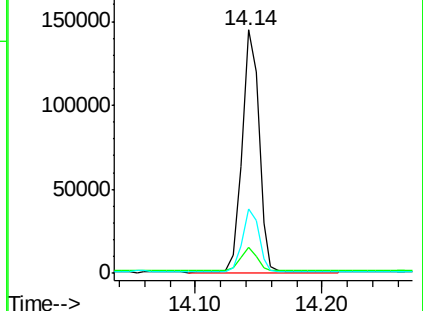
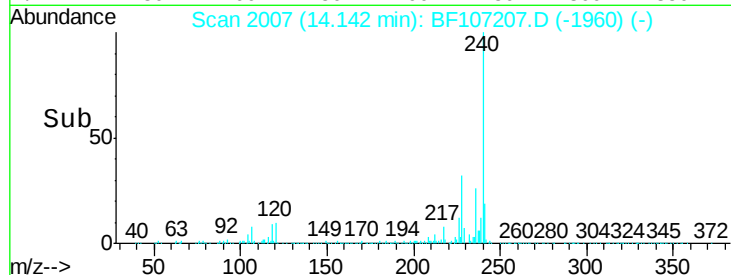
236 26.6 20.7 31.1



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: 30.493 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

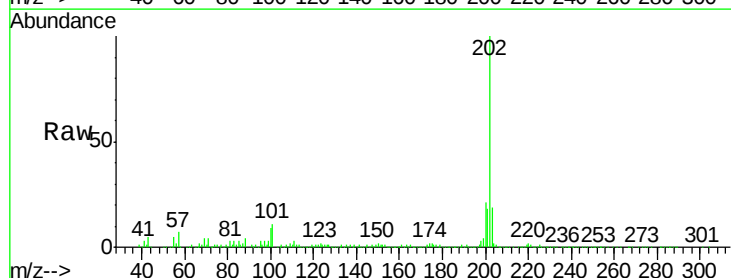
Tgt Ion:202 Resp: 267111

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

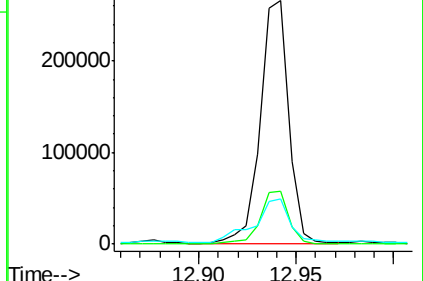
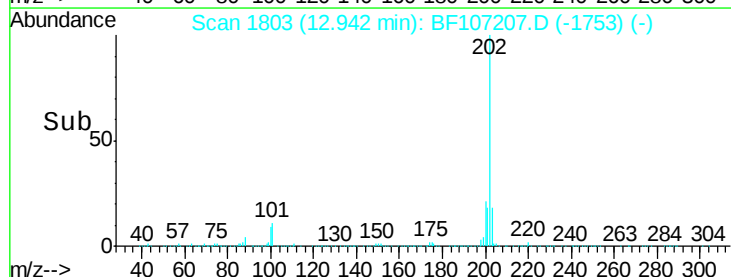
203 18.8 14.3 21.5

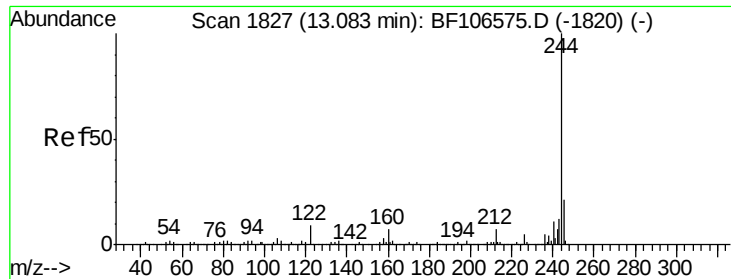


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

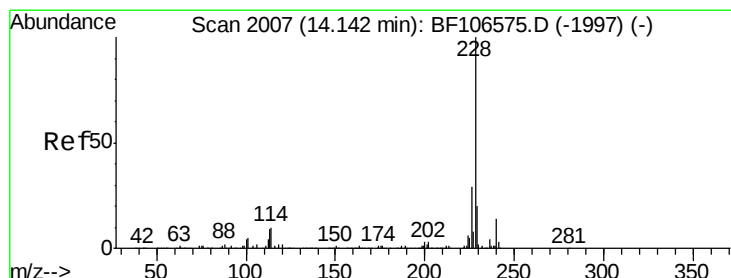
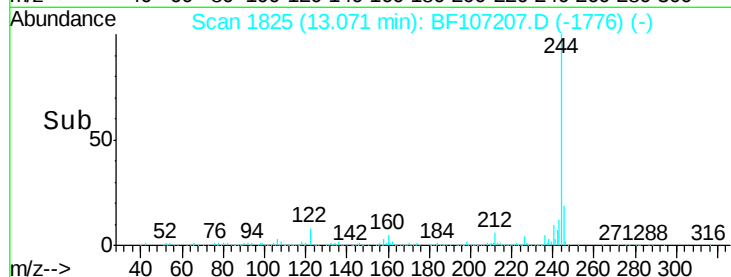
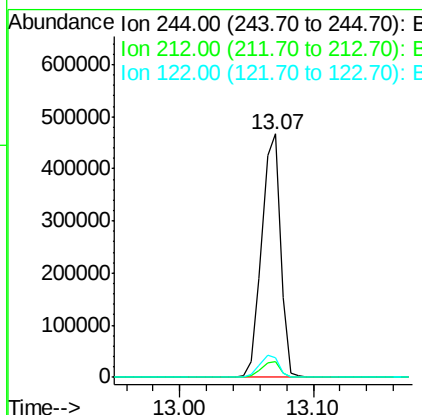
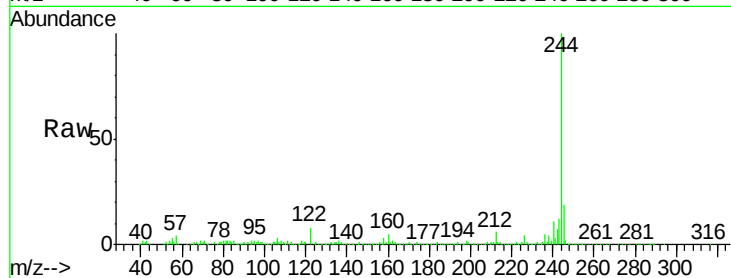




#78
 Terphenyl-d14
 Concen: 82.658 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107207.D
 Acq: 7 Jul 2018 15:35

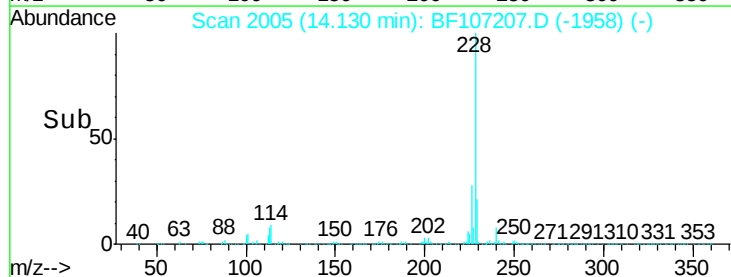
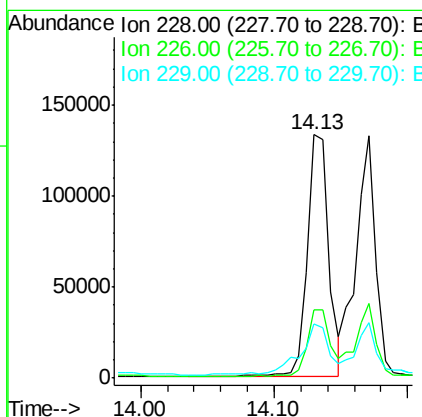
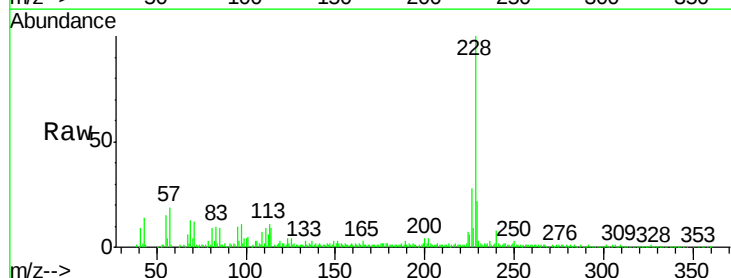
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-25

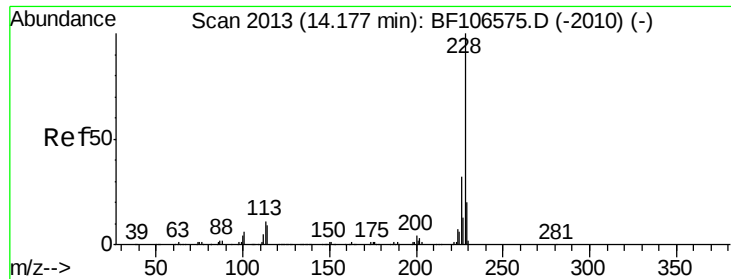
Tgt Ion:244 Resp: 453300
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 8.1 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 17.884 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF107207.D
 Acq: 7 Jul 2018 15:35

Tgt Ion:228 Resp: 144793
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.6 33.8
 229 22.4 15.8 23.6





#82

Chrysene

Concen: 18.233 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-25

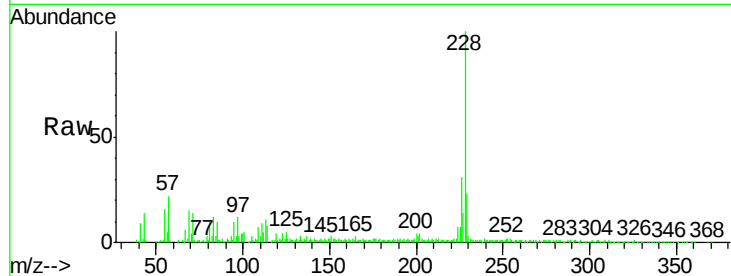
Tgt Ion:228 Resp: 135808

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

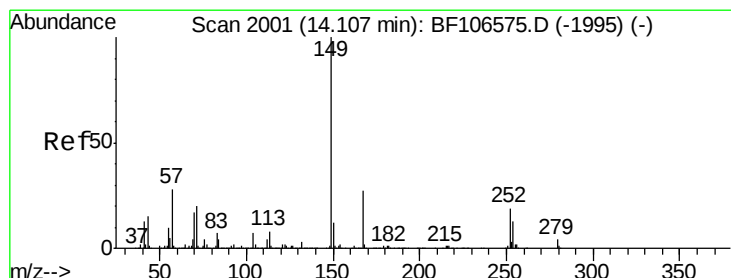
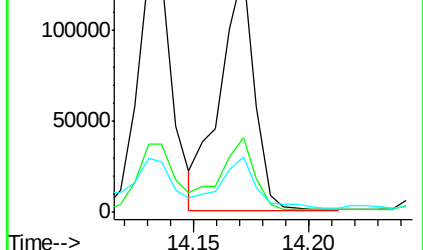
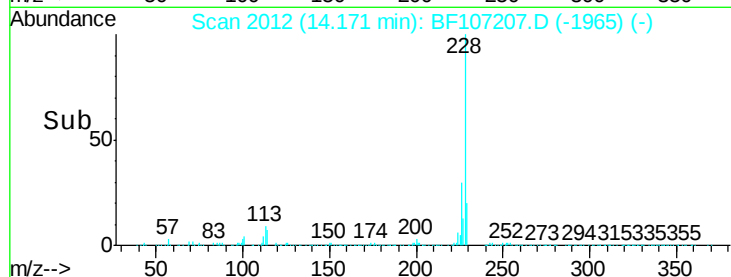
229 22.8 16.2 24.4



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: 2.438 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

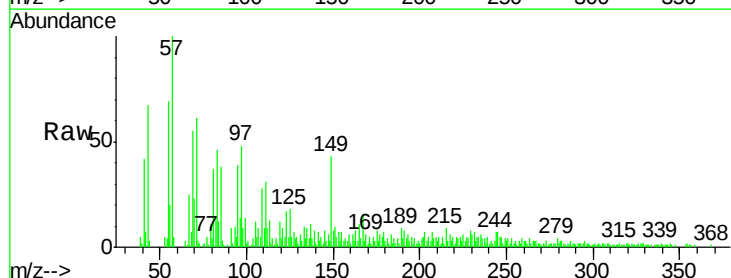
Tgt Ion:149 Resp: 11225

Ion Ratio Lower Upper

149 100

167 36.8 21.3 31.9#

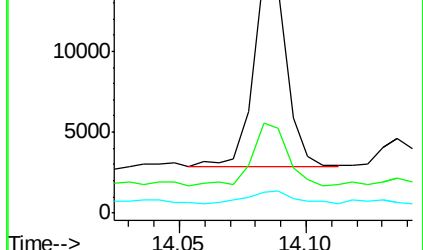
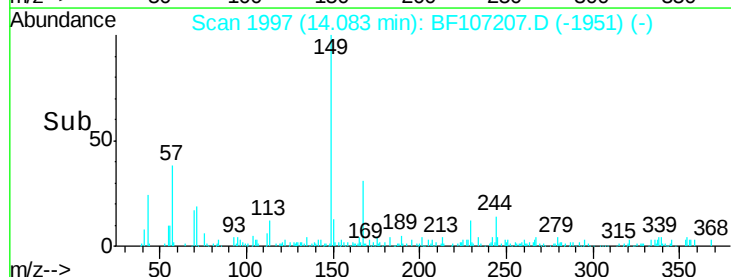
279 8.5 3.0 4.4#

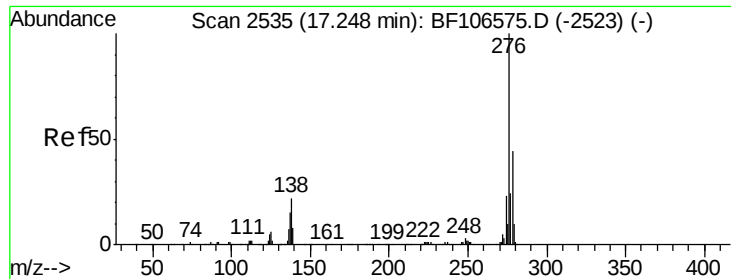


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

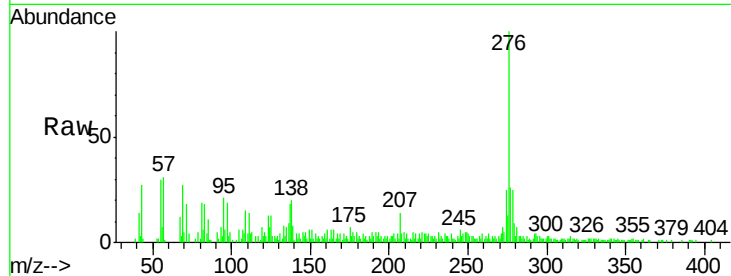




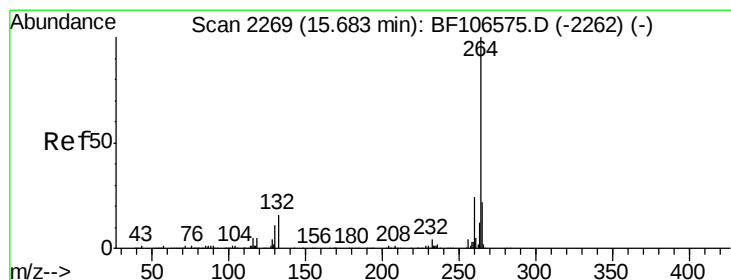
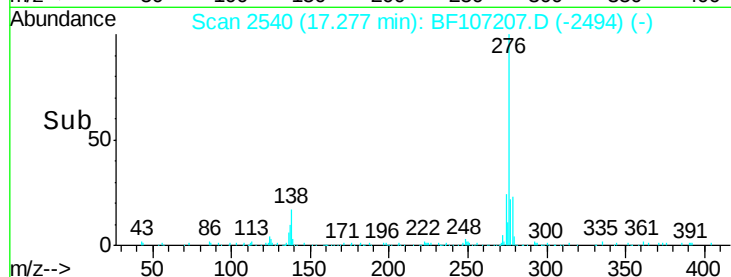
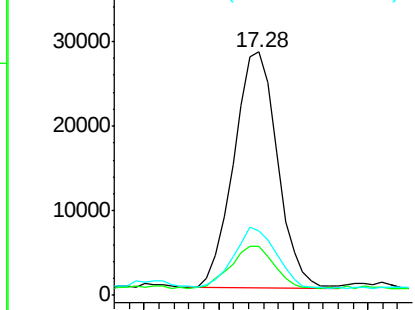
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.983 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BF107207.D
 Acq: 7 Jul 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	25.0	37.6#
277	25.1	20.1	30.1

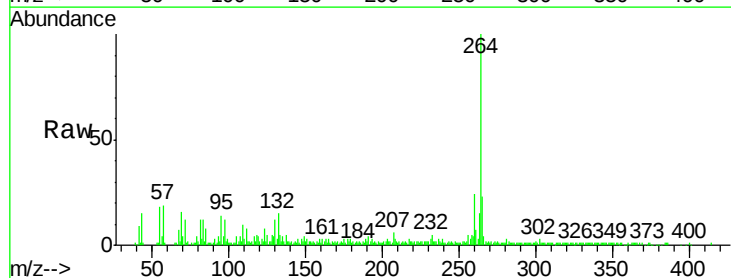


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

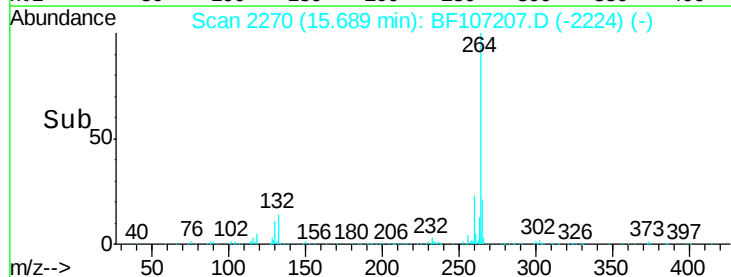
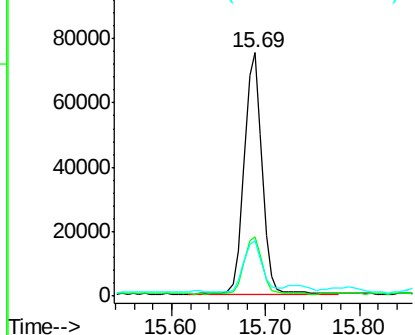


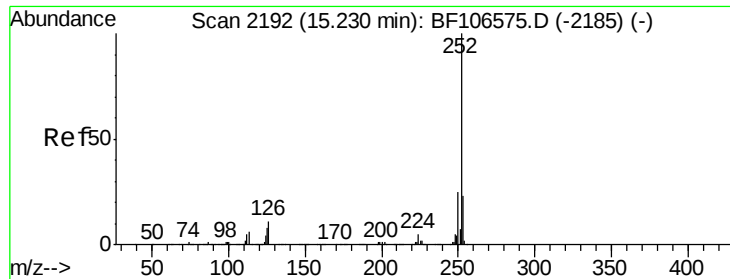
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107207.D
 Acq: 7 Jul 2018 15:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.6	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: 29.950 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-25

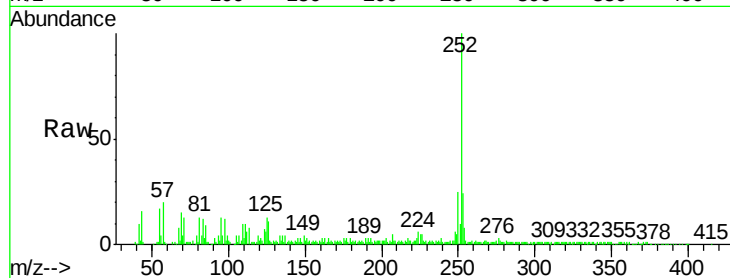
Tgt Ion:252 Resp: 184214

Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.6

125 13.0 9.0 13.6

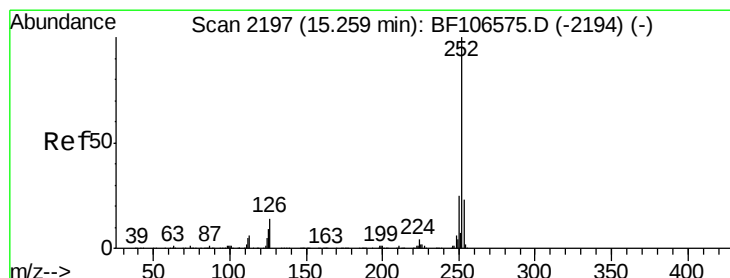
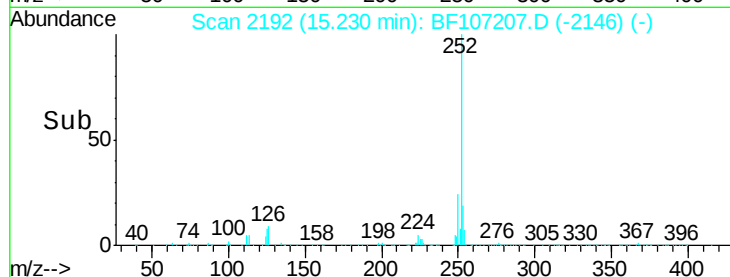
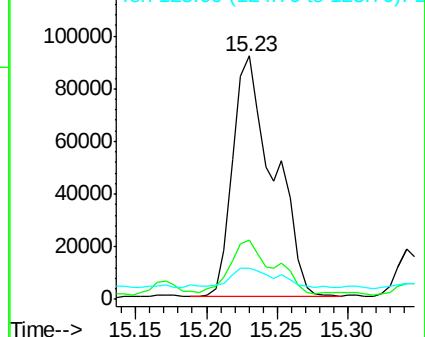


Abundance

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



#88

Benzo(k)fluoranthene

Concen: 31.450 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.06 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

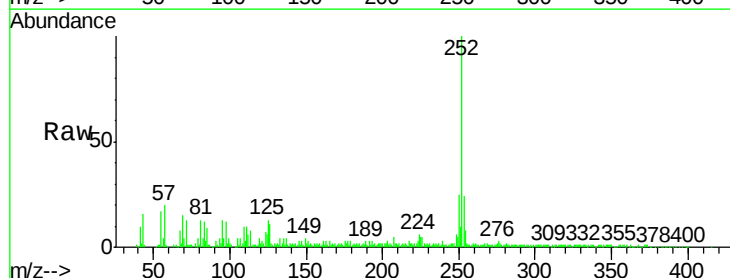
Tgt Ion:252 Resp: 184214

Ion Ratio Lower Upper

252 100

253 24.2 17.9 26.9

125 13.0 10.2 15.2

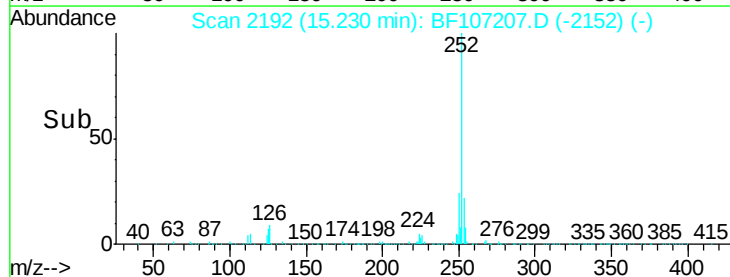
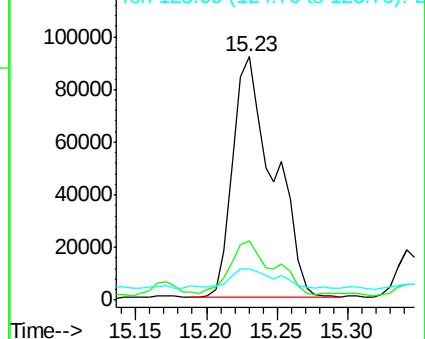


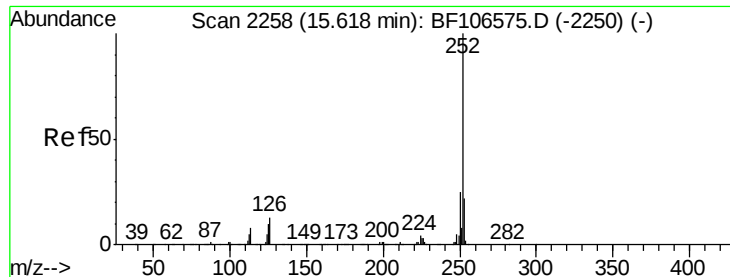
Abundance

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: 16.909 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.04 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-25

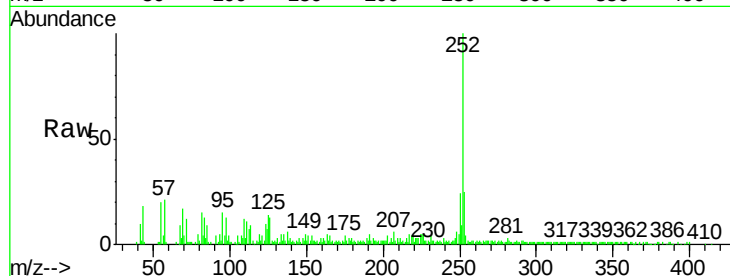
Tgt Ion:252 Resp: 92459

Ion Ratio Lower Upper

252 100

253 25.2 17.1 25.7

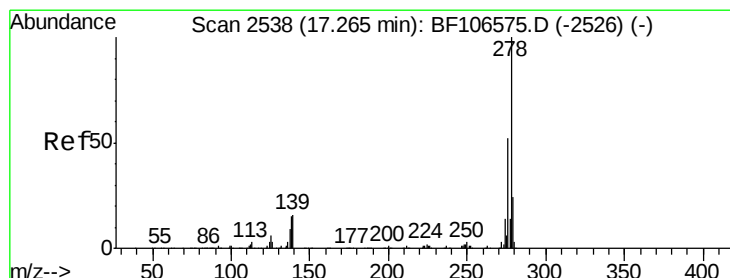
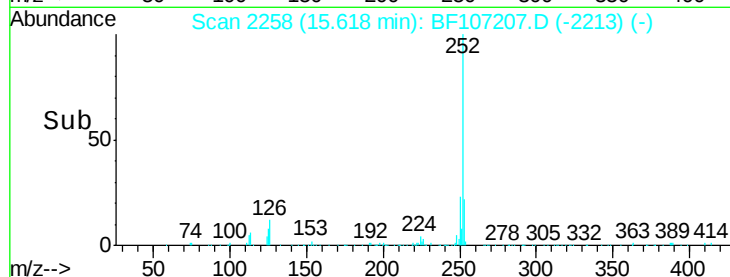
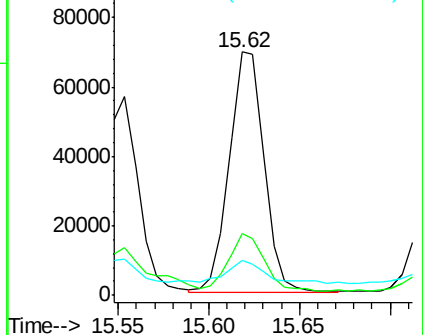
125 14.1 9.8 14.6



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: 3.457 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.05 min

Lab File: BF107207.D

Acq: 7 Jul 2018 15:35

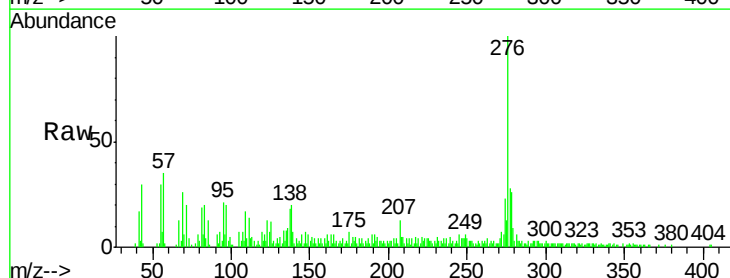
Tgt Ion:278 Resp: 16019

Ion Ratio Lower Upper

278 100

139 29.2 15.9 23.9#

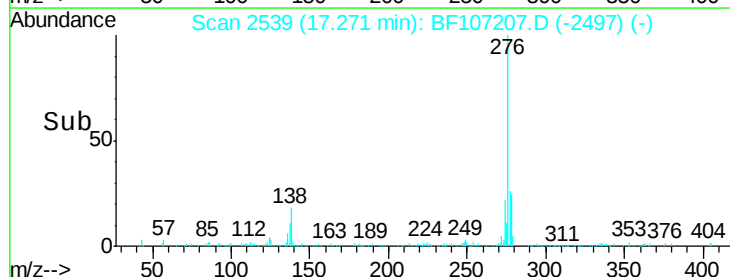
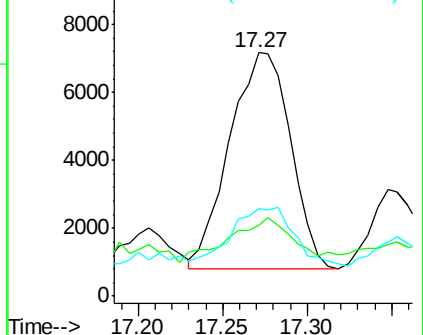
279 35.8 19.0 28.4#

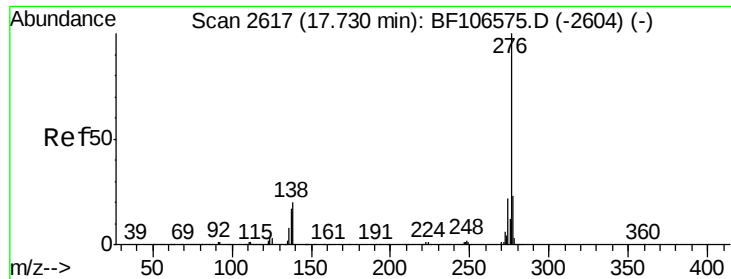


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

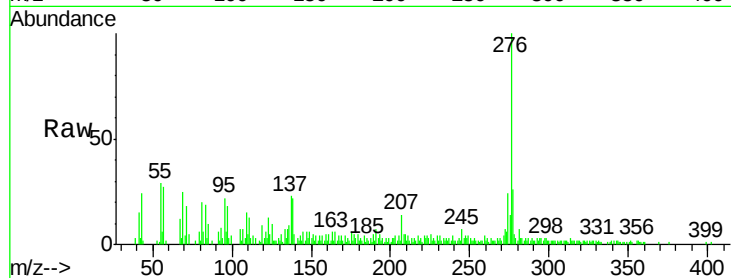




#91
 Benzo(g,h,i)perylene
 Concen: 12.636 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. -0.03 min
 Lab File: BF107207.D
 Acq: 7 Jul 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	22.0	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

