

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010518\
 Data File : BF101919.D
 Acq On : 5 Jan 2018 10:32
 Operator : SJ/JU
 Sample : J1033-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3(5)

Quant Time: Jan 05 12:15:01 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	137027	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	543221	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	212394	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	314415	20.00	ng	0.00
75) Chrysene-d12	13.96	240	250840	20.00	ng	0.00
86) Perylene-d12	15.43	264	279171	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	903624	98.23	ng	0.00
7) Phenol-d6	6.43	99	1114309	97.33	ng	0.00
23) Nitrobenzene-d5	7.35	82	709248	72.68	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	125254	61.20	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	962764	70.32	ng	0.00
78) Terphenyl-d14	12.88	244	635807	61.11	ng	0.00

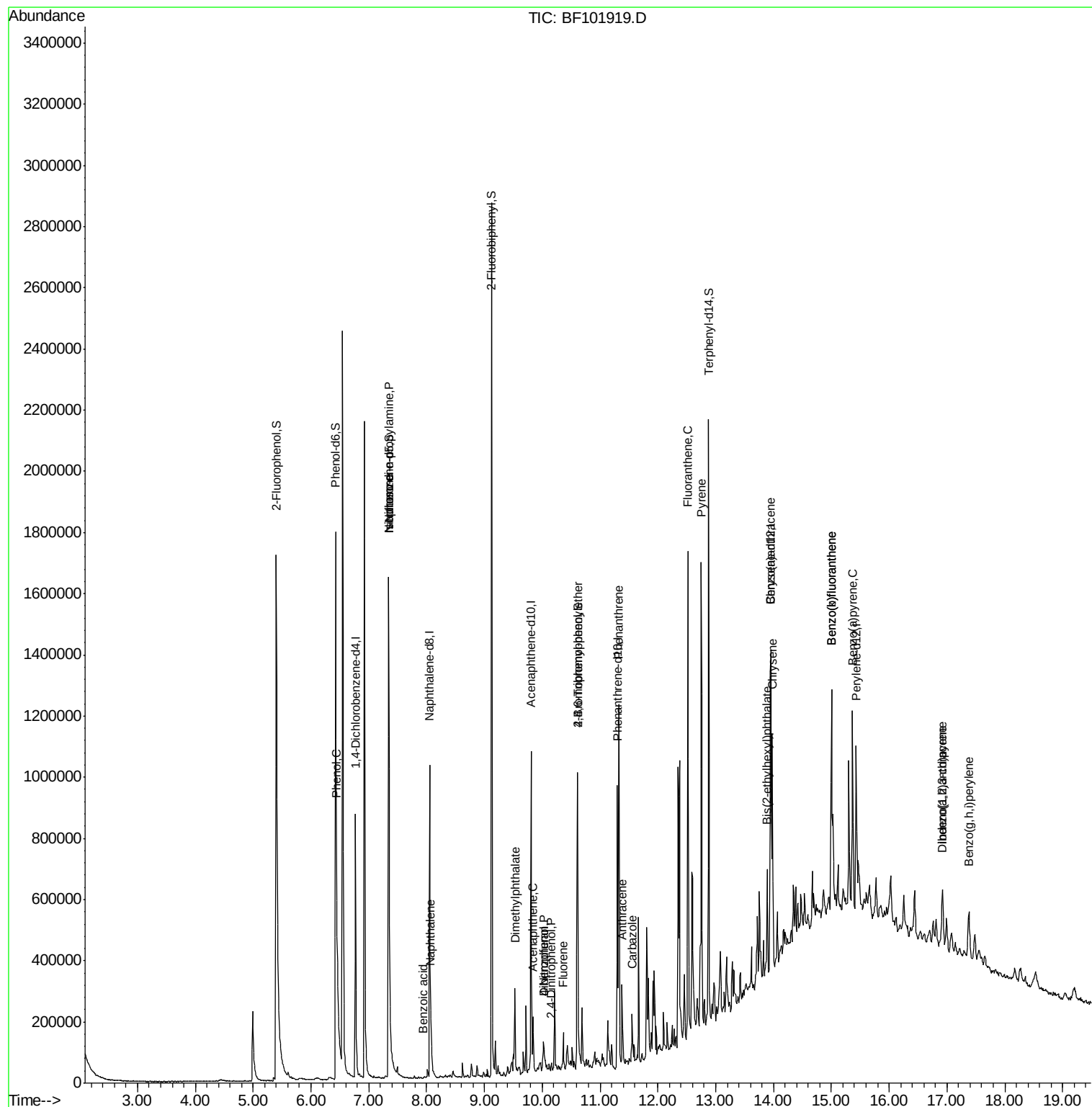
Target Compounds				Qvalue		
10) Phenol	6.45	94	43165	3.308	ng	# 38
19) n-Nitroso-di-n-propylamine	7.35	70	94503	12.569	ng	# 84
25) Isophorone	7.35	82	709248	36.230	ng	# 64
31) Naphthalene	8.07	128	66312	2.425	ng	# 98
32) Benzoic acid	7.94	122	136	7.982	ng	# 37
49) Dimethylphthalate	9.53	163	116325	6.809	ng	100
51) Acenaphthene	9.84	154	35936	2.628	ng	96
53) 2,4-Dinitrophenol	10.16	184	107	10.397	ng	# 52
54) Dibenzofuran	10.02	168	39585	2.278	ng	99
55) 4-Nitrophenol	10.02	139	16315	8.643	ng	# 13
57) Fluorene	10.36	166	36812	2.504	ng	98
66) 4-Bromophenyl-phenylether	10.61	248	8606	2.436	ng	# 1
70) Phenanthrene	11.33	178	494862	28.302	ng	99
71) Anthracene	11.38	178	113266	6.342	ng	96
72) Carbazole	11.55	167	44374	2.654	ng	98
74) Fluoranthene	12.52	202	621515	33.864	ng	98
77) Pyrene	12.75	202	634593	33.709	ng	100
80) Benzo(a)anthracene	13.94	228	334636	20.203	ng	96
82) Chrysene	13.98	228	315567	20.178	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	83422	7.732	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.93	276	172852	12.412	ng	# 90
87) Benzo(b)fluoranthene	15.00	252	518471	30.469	ng	97
88) Benzo(k)fluoranthene	15.00	252	518471	31.338	ng	99
89) Benzo(a)pyrene	15.37	252	307355	19.594	ng	97
90) Dibenzo(a,h)anthracene	16.91	278	52304	3.884	ng	# 89
91) Benzo(g,h,i)perylene	17.37	276	165263	12.392	ng	95

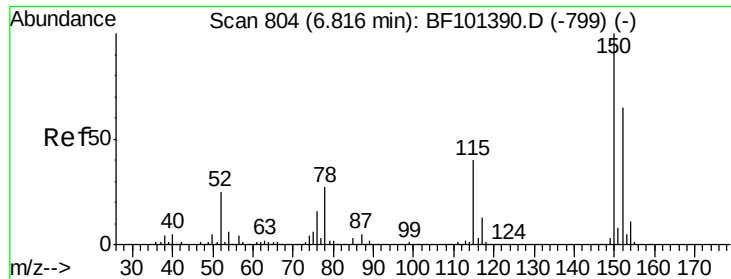
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101919.D
Acq On : 5 Jan 2018 10:32
Operator : SJ/JU
Sample : J1033-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3(5)

Quant Time: Jan 05 12:15:01 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

Instrument :

BNA_F

ClientSampleId :

B-3(5)

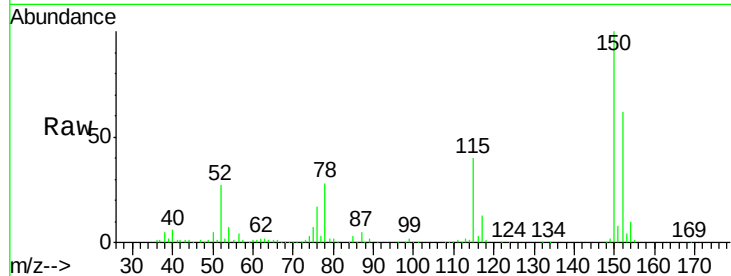
Tgt Ion:152 Resp: 137027

Ion Ratio Lower Upper

152 100

150 162.3 124.6 186.8

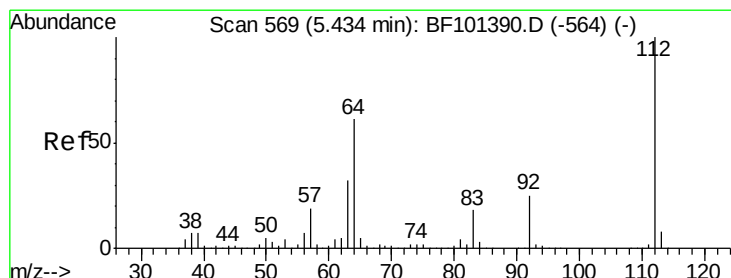
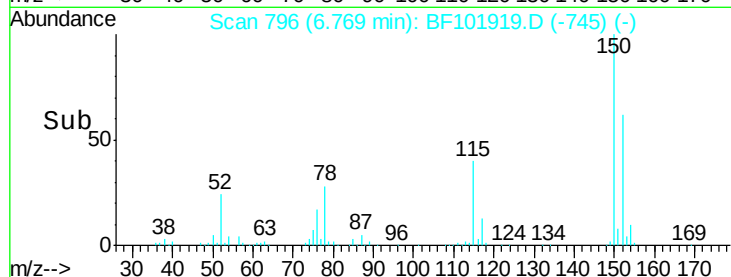
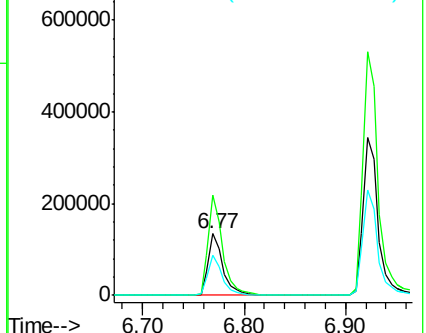
115 65.3 50.1 75.1



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: 98.230 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

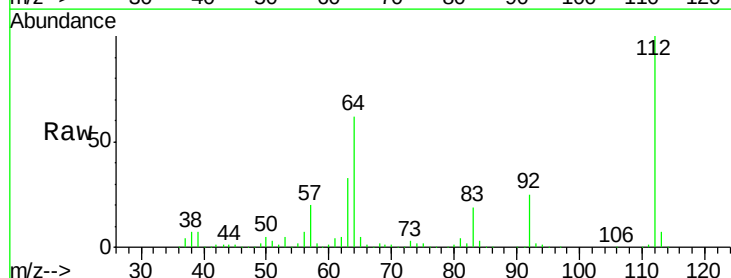
Tgt Ion:112 Resp: 903624

Ion Ratio Lower Upper

112 100

64 61.7 47.9 71.9

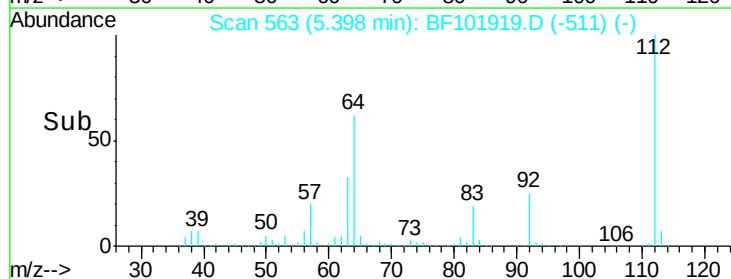
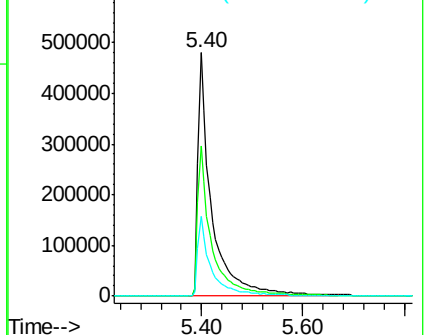
63 32.7 23.7 35.5

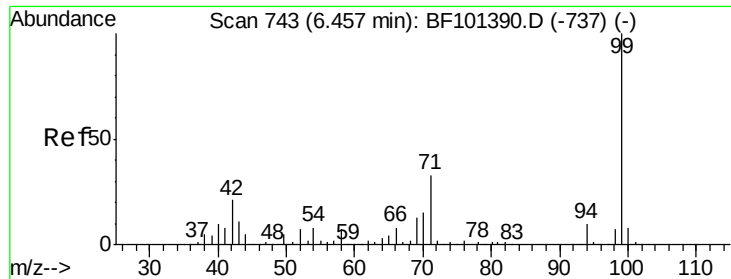


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.332 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

Instrument :

BNA_F

ClientSampleId :

B-3(5)

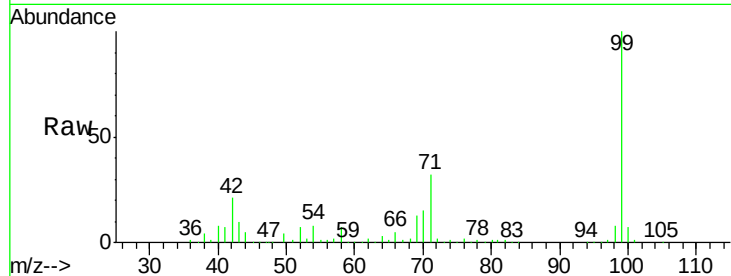
Tgt Ion: 99 Resp: 1114309

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

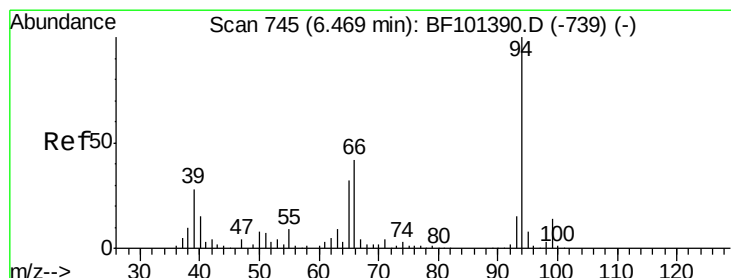
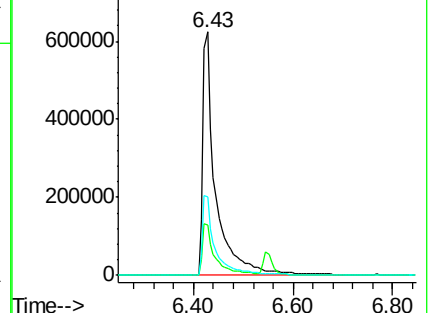
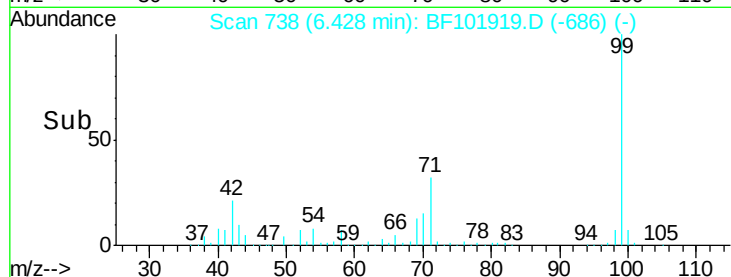
71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.308 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

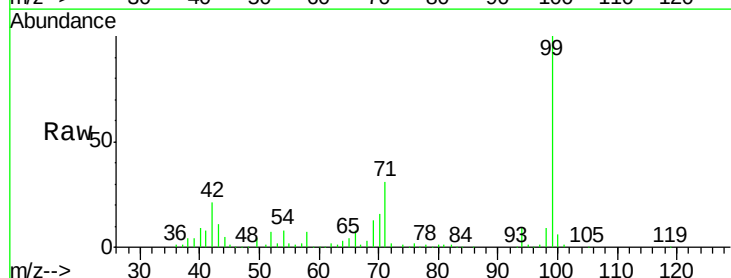
Tgt Ion: 94 Resp: 43165

Ion Ratio Lower Upper

94 100

65 41.3 7.9 47.9

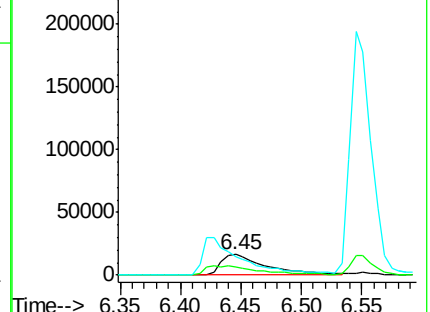
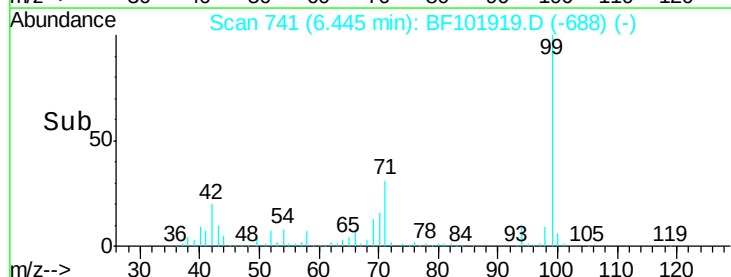
66 89.4 16.2 56.2#

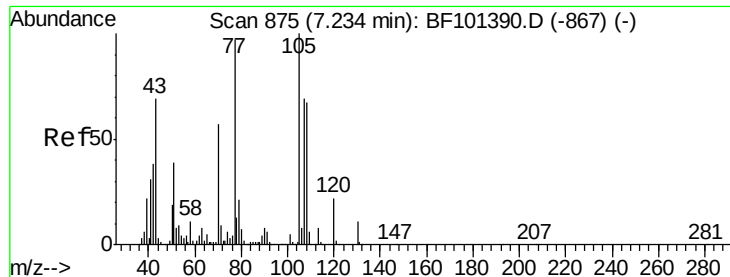


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 12.569 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.16 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

Instrument :

BNA_F

ClientSampleId :

B-3(5)

Tgt Ion: 70 Resp: 94503

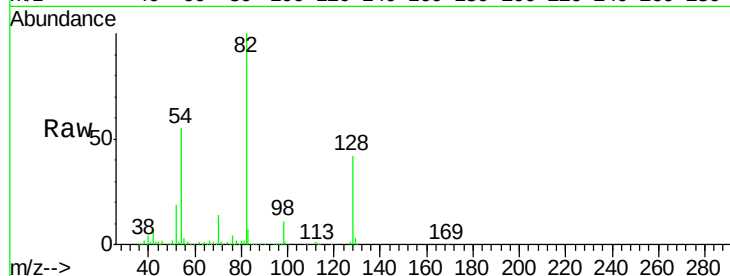
Ion Ratio Lower Upper

70 100

42 54.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

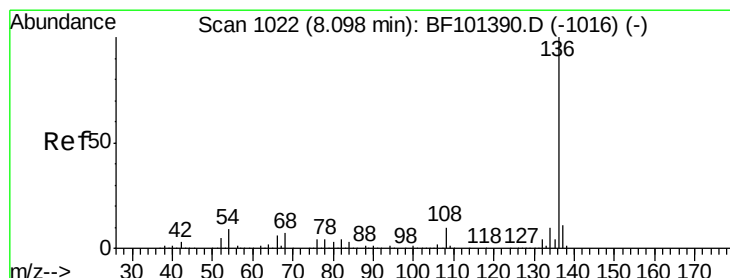
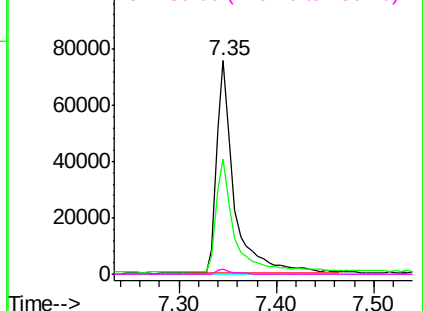
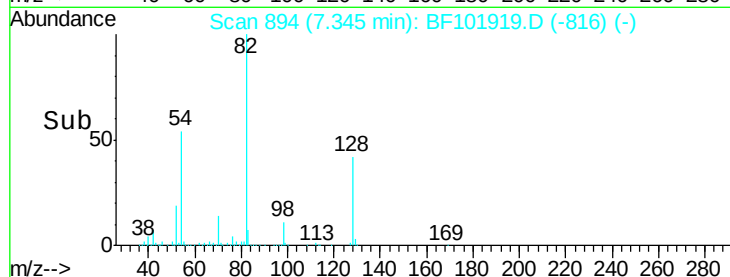


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

Tgt Ion: 136 Resp: 543221

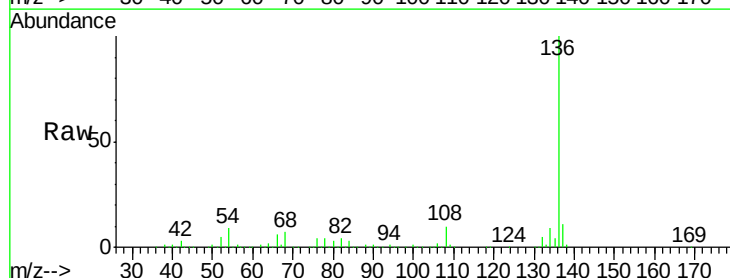
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.4 6.6 9.8

68 6.9 5.0 7.4

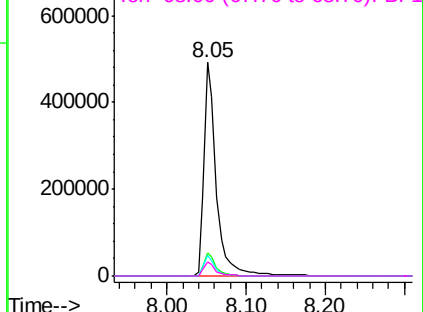
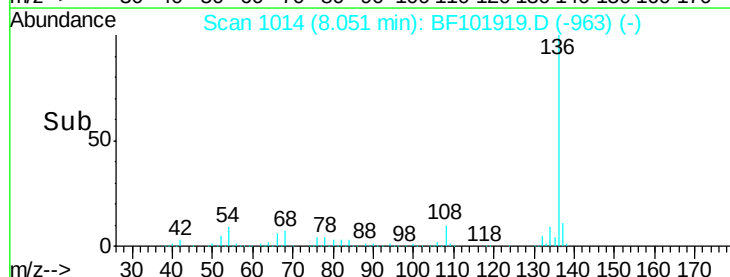


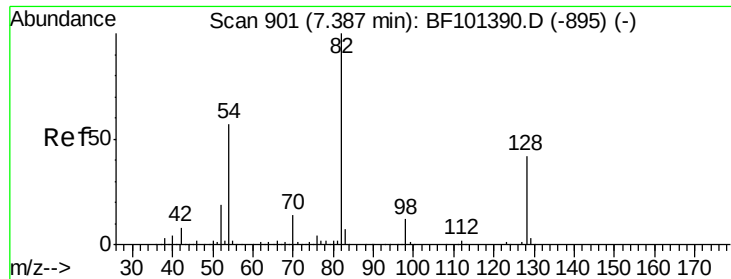
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

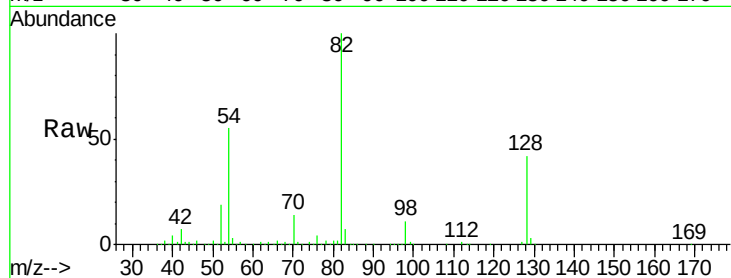




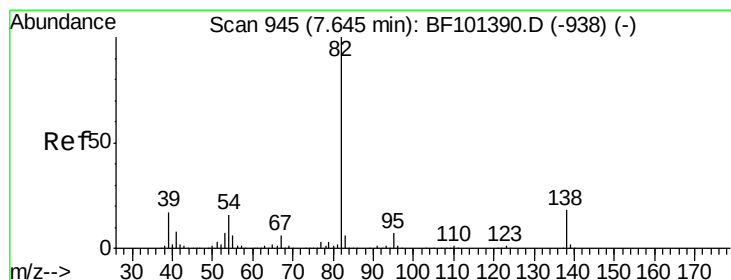
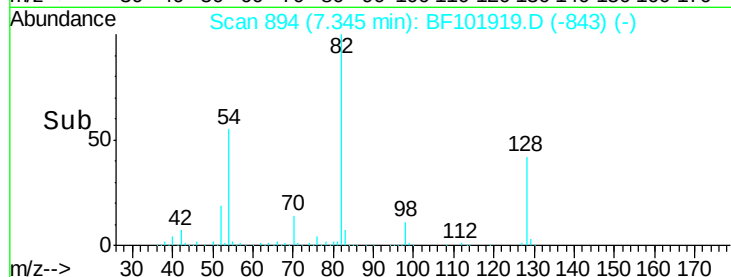
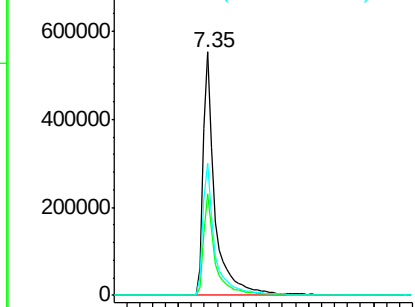
#23
Nitrobenzene-d5
Concen: 72.679 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF101919.D
Acq: 5 Jan 2018 10:32

Instrument :
BNA_F
ClientSampleId :
B-3(5)

Tgt Ion: 82 Resp: 709248
Ion Ratio Lower Upper
82 100
128 41.7 36.1 54.1
54 54.6 41.4 62.2

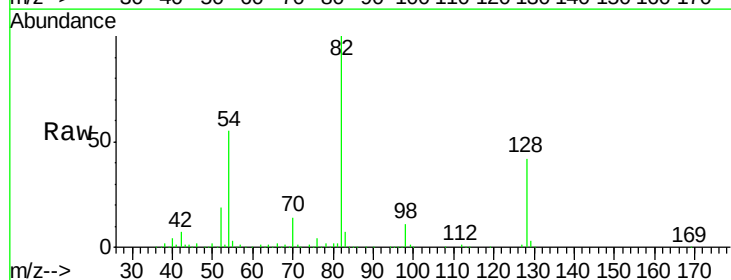


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

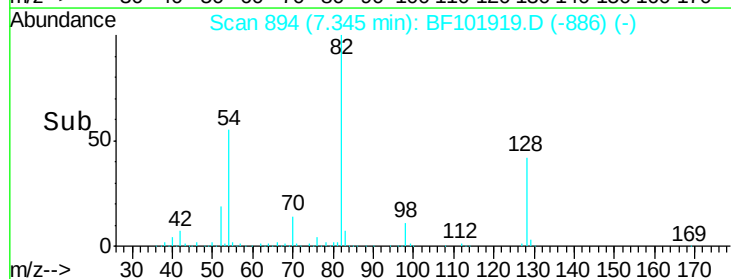
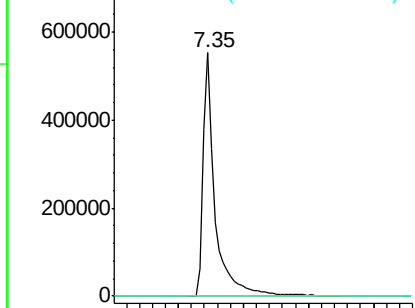


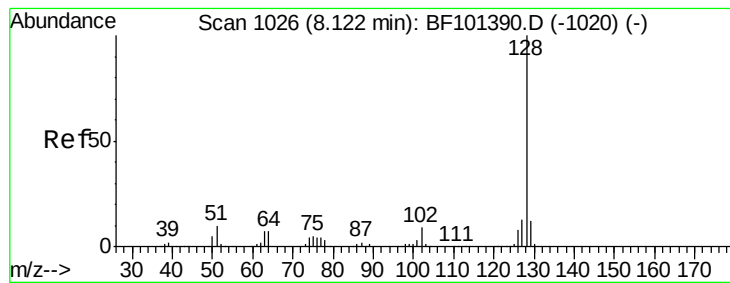
#25
Isophorone
Concen: 36.230 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.25 min
Lab File: BF101919.D
Acq: 5 Jan 2018 10:32

Tgt Ion: 82 Resp: 709248
Ion Ratio Lower Upper
82 100
95 0.1 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: 2.425 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

Instrument :

BNA_F

ClientSampleId :

B-3(5)

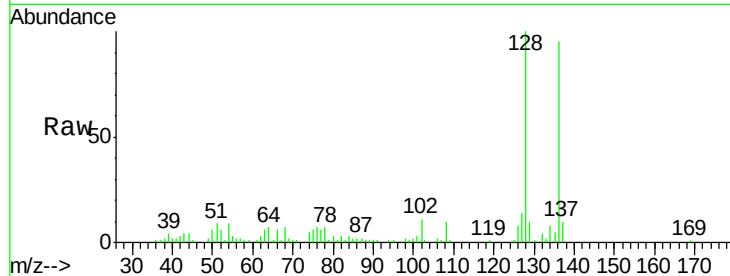
Tgt Ion:128 Resp: 66312

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

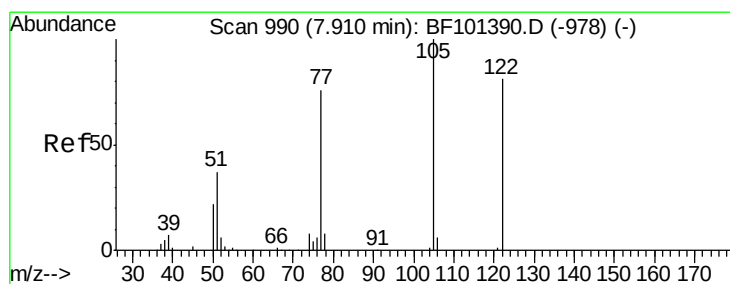
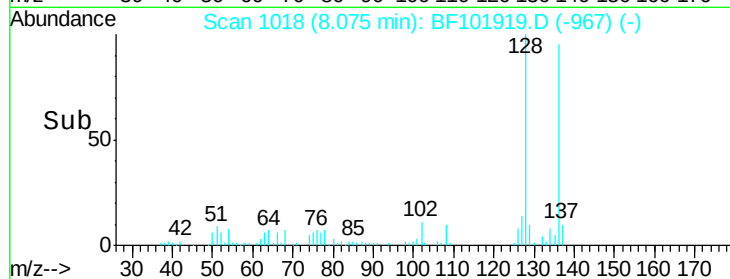
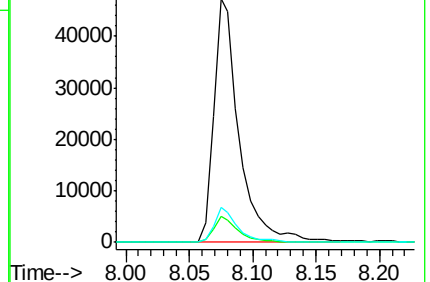
127 14.4 10.9 16.3



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



#32

Benzoic acid

Concen: 7.982 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.05 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

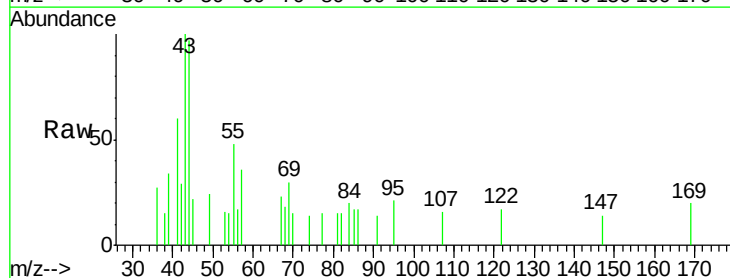
Tgt Ion:122 Resp: 136

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

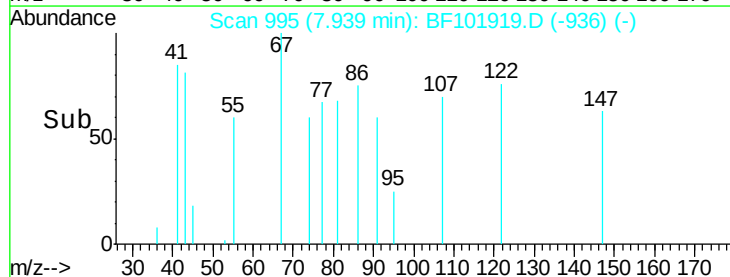
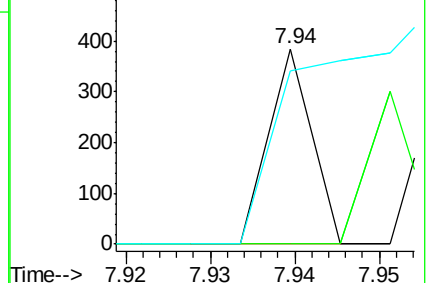
77 88.6 70.7 110.7

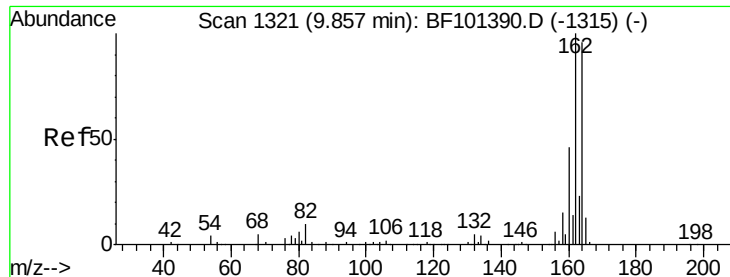


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

Instrument :

BNA_F

ClientSampleId :

B-3(5)

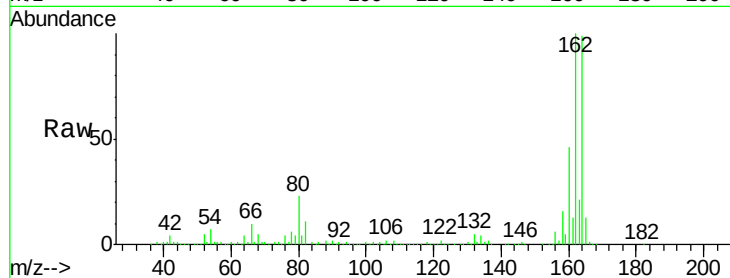
Tgt Ion:164 Resp: 212394

Ion Ratio Lower Upper

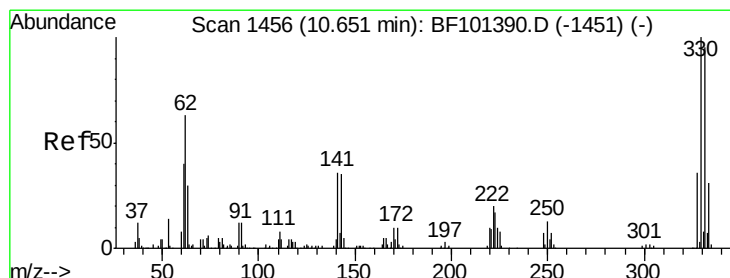
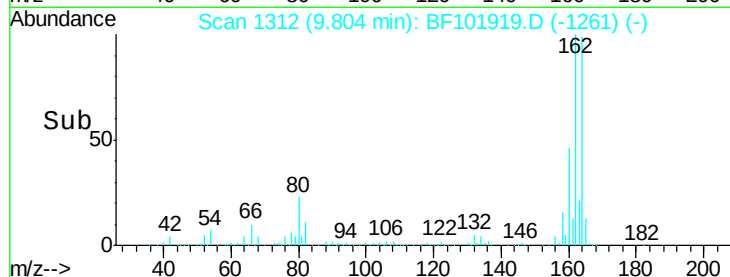
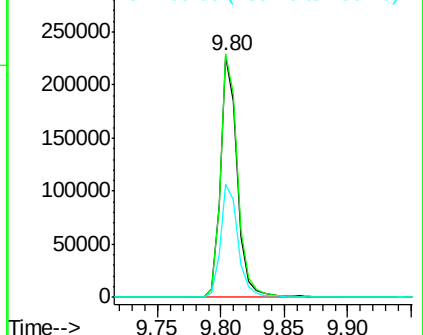
164 100

162 101.0 86.1 129.1

160 47.0 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 61.202 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

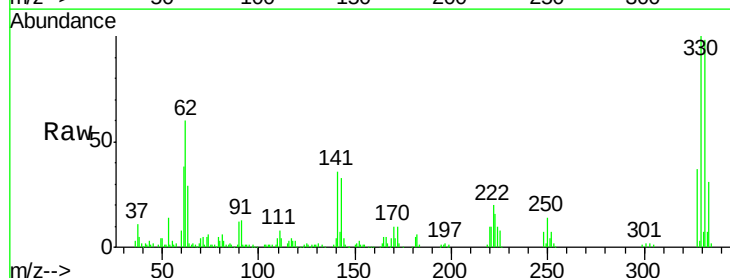
Tgt Ion:330 Resp: 125254

Ion Ratio Lower Upper

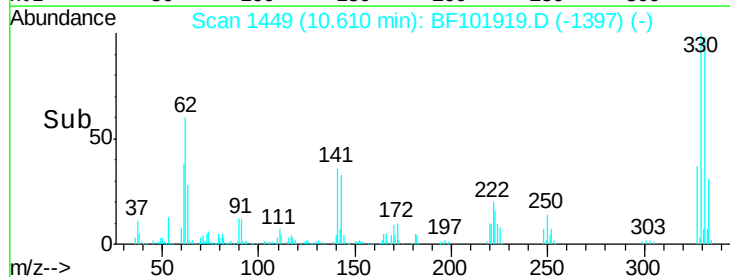
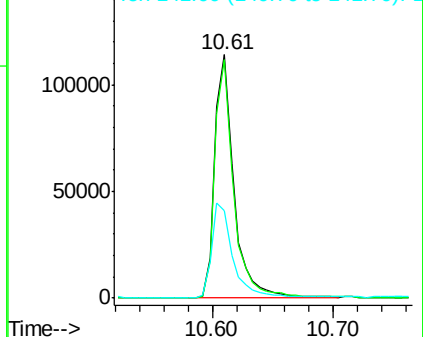
330 100

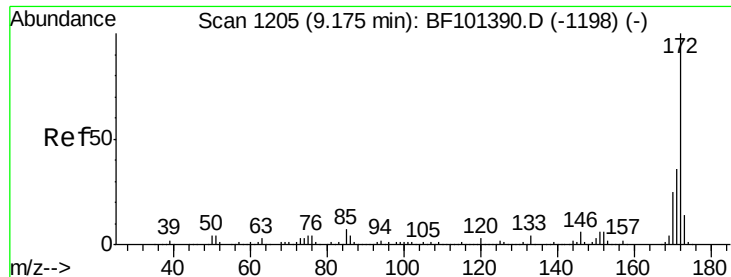
332 96.8 77.0 115.6

141 41.8 29.9 44.9



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

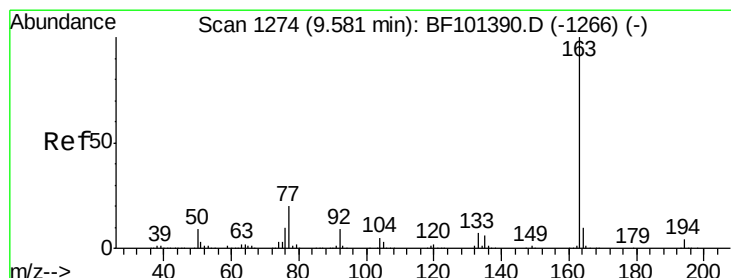
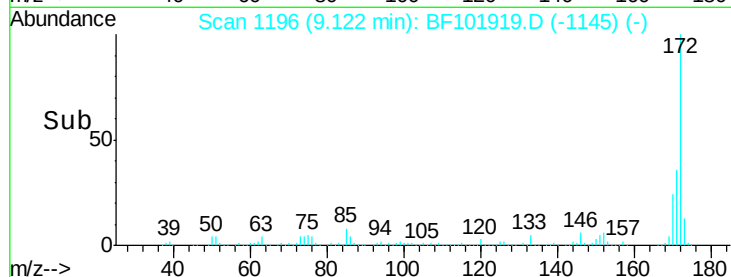
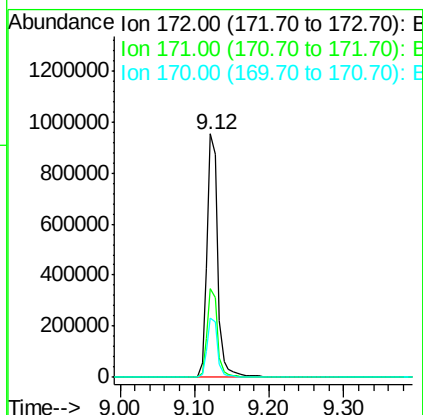
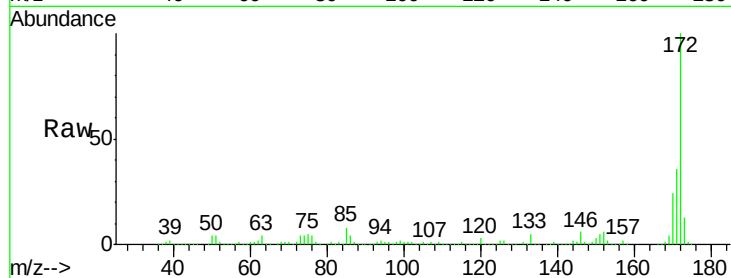




#44
 2-Fluorobiphenyl
 Concen: 70.316 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101919.D
 Acq: 5 Jan 2018 10:32

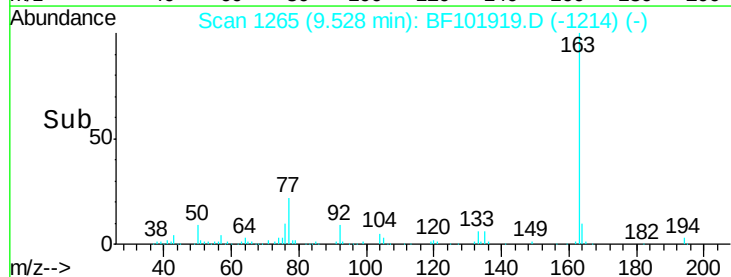
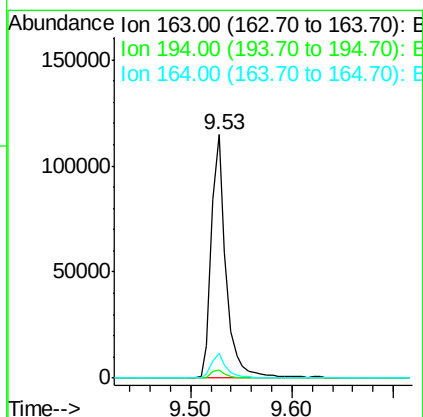
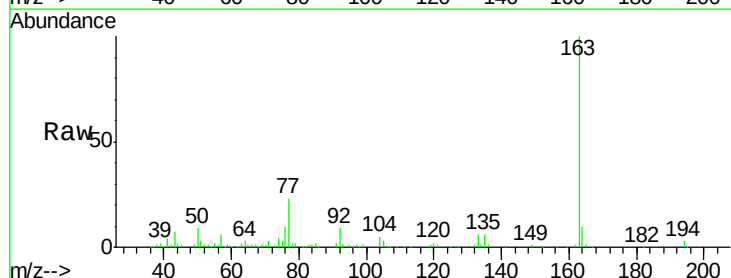
Instrument :
 BNA_F
 ClientSampleId :
 B-3(5)

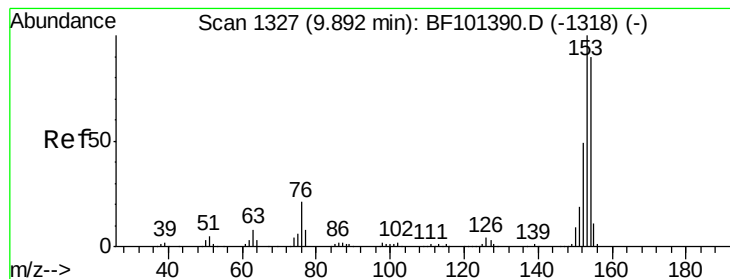
Tgt Ion:172 Resp: 962764
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.3 19.6 29.4



#49
 Dimethylphthalate
 Concen: 6.809 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BF101919.D
 Acq: 5 Jan 2018 10:32

Tgt Ion:163 Resp: 116325
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.1 8.2 12.2





#51

Acenaphthene

Concen: 2.628 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

Instrument :

BNA_F

ClientSampleId :

B-3(5)

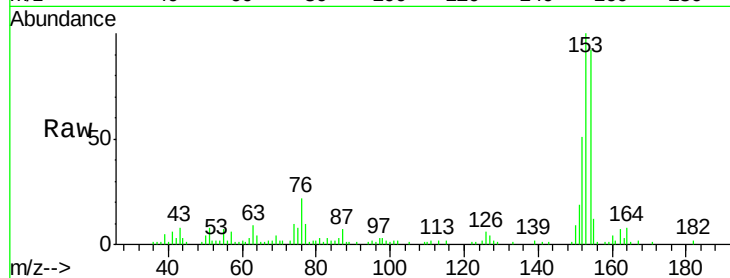
Tgt Ion:154 Resp: 35936

Ion Ratio Lower Upper

154 100

153 109.1 91.2 136.8

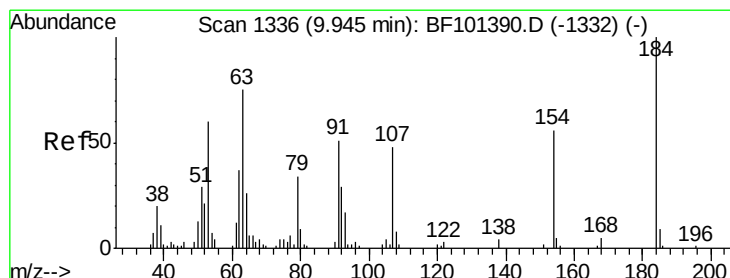
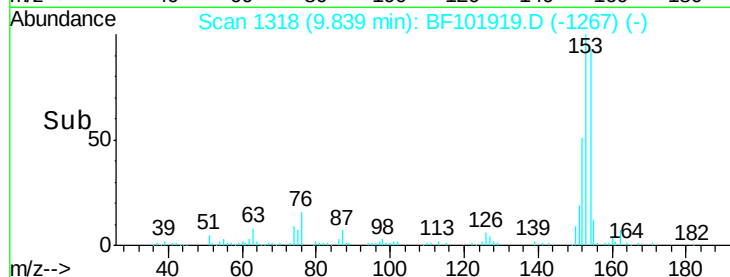
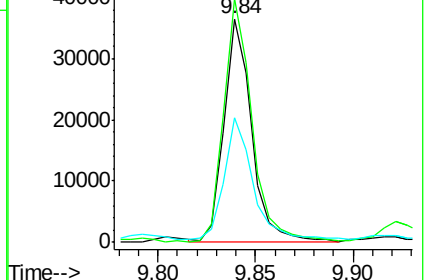
152 56.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 10.397 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.20 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

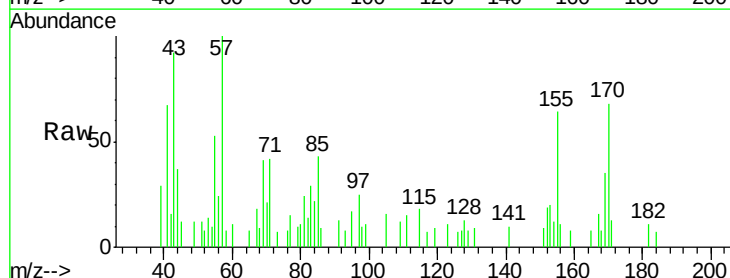
Tgt Ion:184 Resp: 107

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

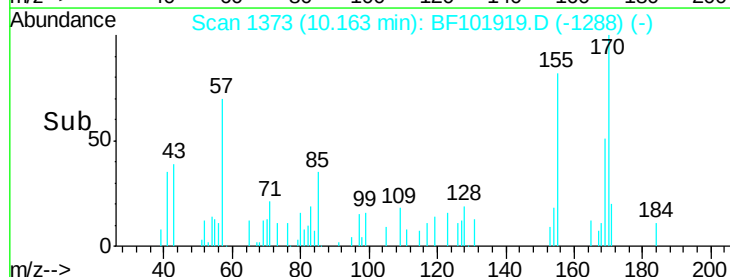
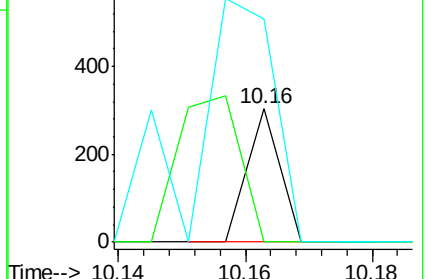
154 168.0 184.0 276.0#

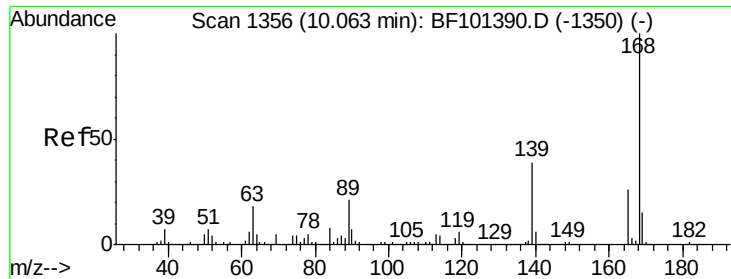


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 2.278 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

Instrument :

BNA_F

ClientSampleId :

B-3(5)

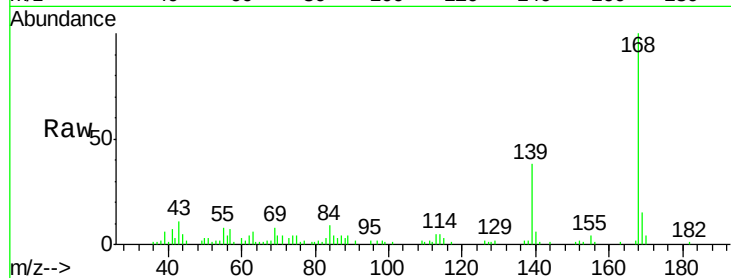
Tgt Ion:168 Resp: 39585

Ion Ratio Lower Upper

168 100

139 37.8 30.1 45.1

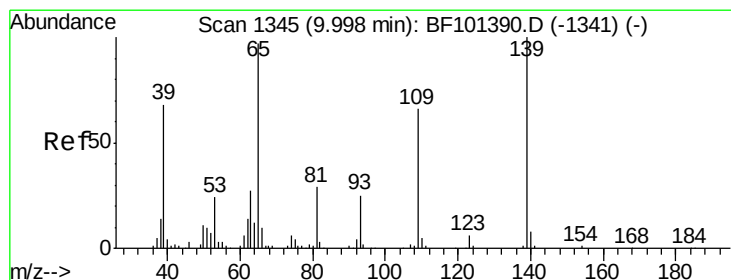
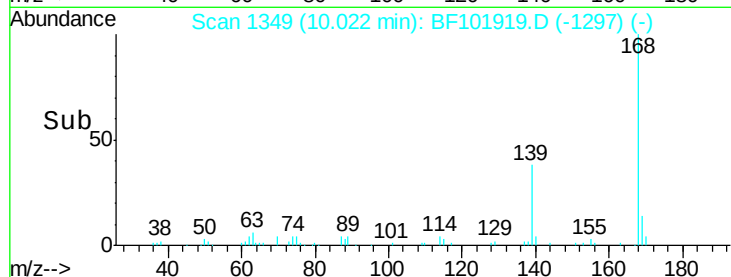
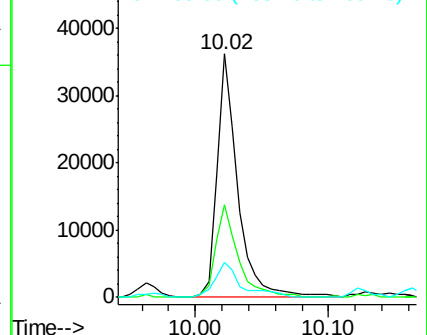
169 14.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 8.643 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.04 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

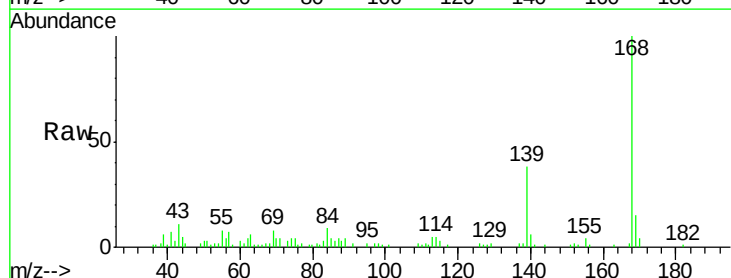
Tgt Ion:139 Resp: 16315

Ion Ratio Lower Upper

139 100

109 4.1 48.4 88.4#

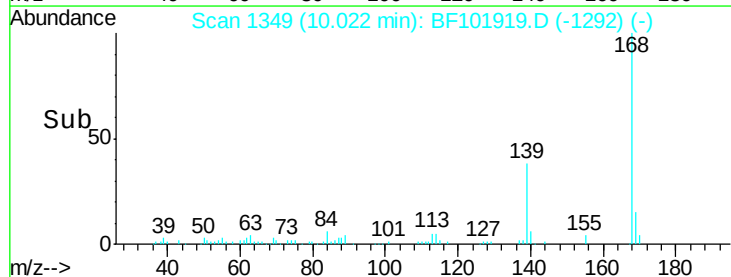
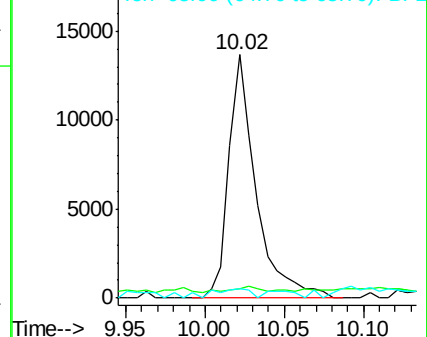
65 4.0 72.6 112.6#

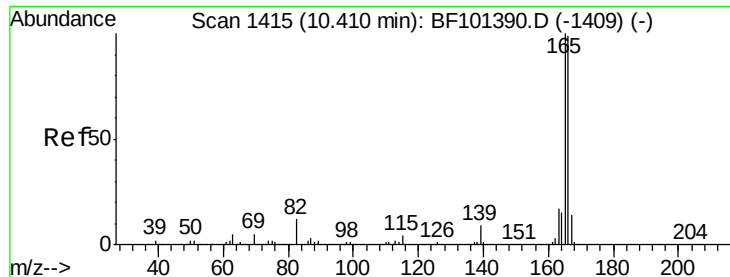


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

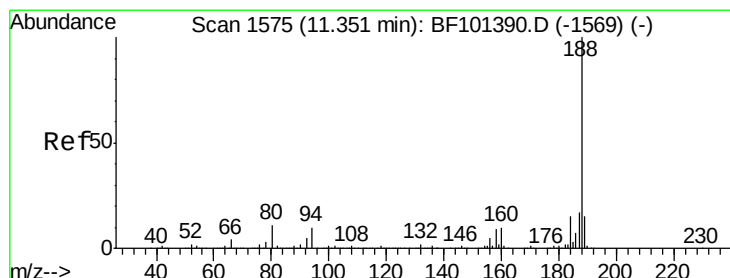
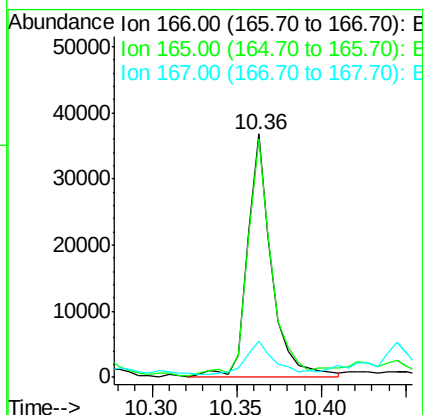
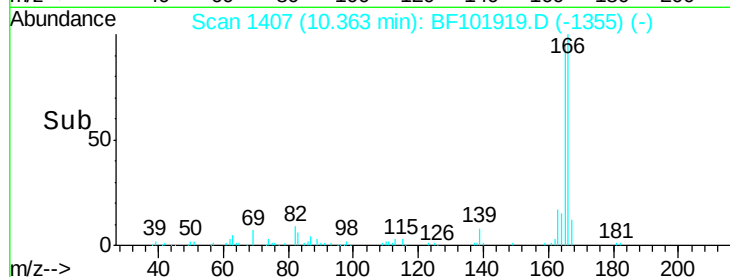
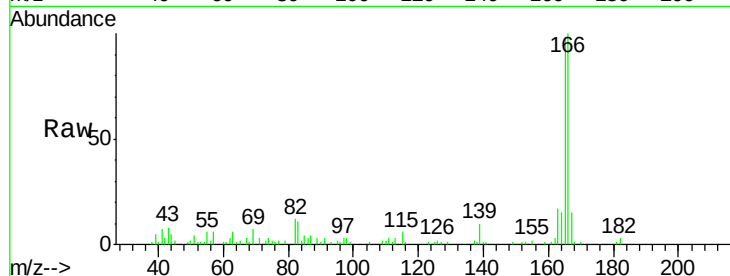




#57
 Fluorene
 Concen: 2.504 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BF101919.D
 Acq: 5 Jan 2018 10:32

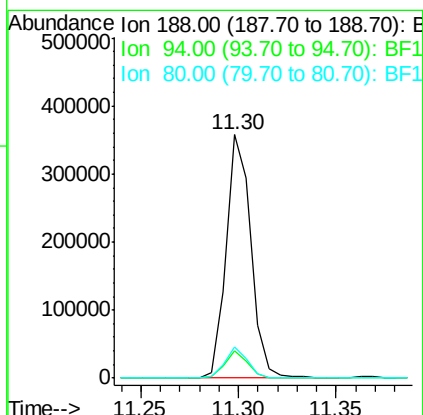
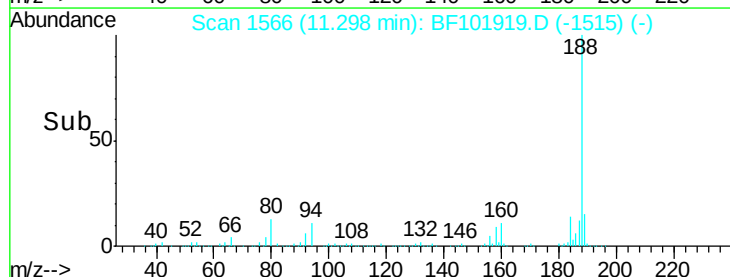
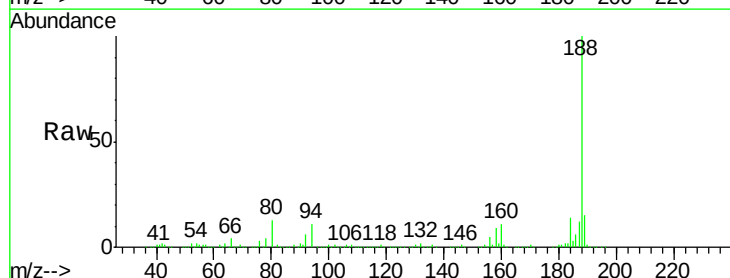
Instrument :
 BNA_F
 ClientSampleId :
 B-3(5)

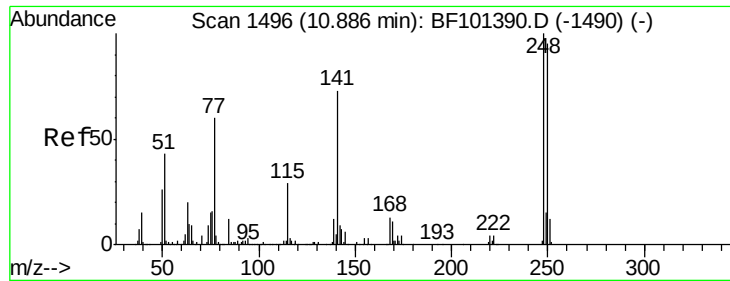
Tgt Ion:166 Resp: 36812
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.8 119.8
 167 14.7 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF101919.D
 Acq: 5 Jan 2018 10:32

Tgt Ion:188 Resp: 314415
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 12.6 9.2 13.8

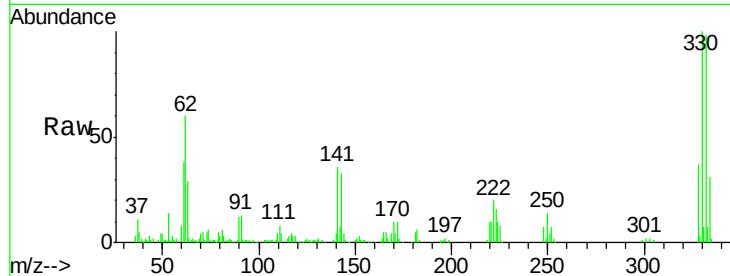




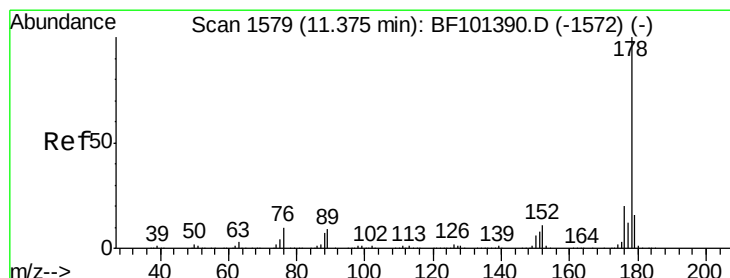
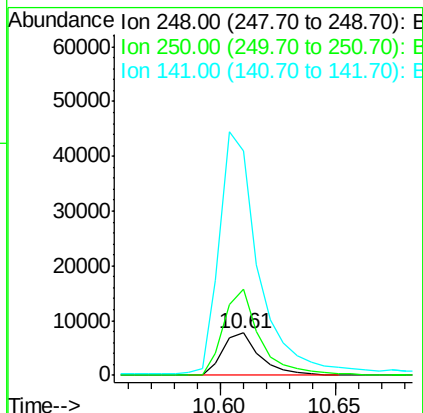
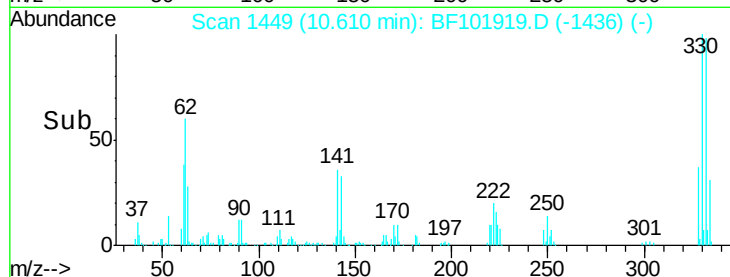
#66
 4-Bromophenyl-phenylether
 Concen: 2.436 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.22 min
 Lab File: BF101919.D
 Acq: 5 Jan 2018 10:32

Instrument :
 BNA_F
 ClientSampleId :
 B-3(5)

Tgt Ion:248 Resp: 8606
 Ion Ratio Lower Upper
 248 100
 250 202.5 76.9 115.3#
 141 531.8 74.4 111.6#

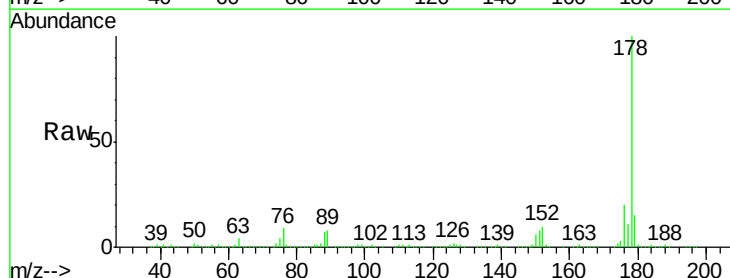


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

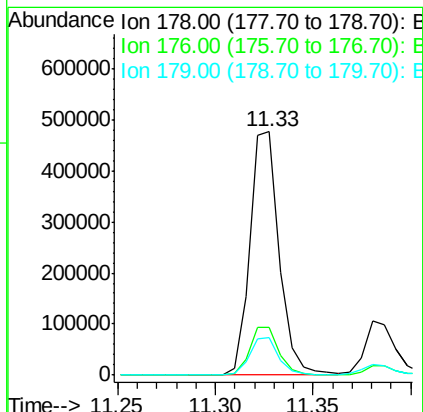
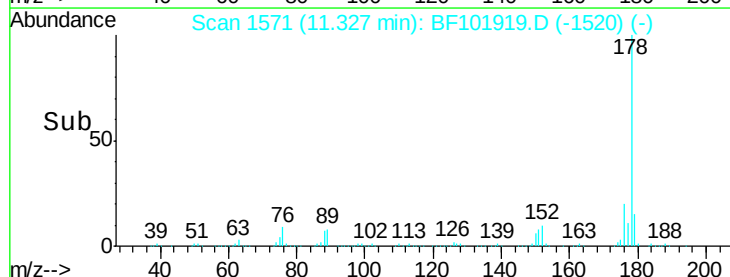


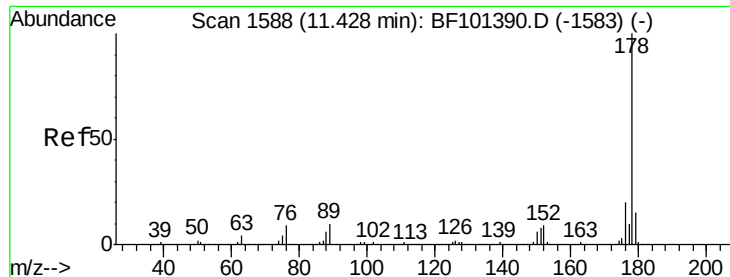
#70
 Phenanthrene
 Concen: 28.302 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF101919.D
 Acq: 5 Jan 2018 10:32

Tgt Ion:178 Resp: 494862
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.4 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

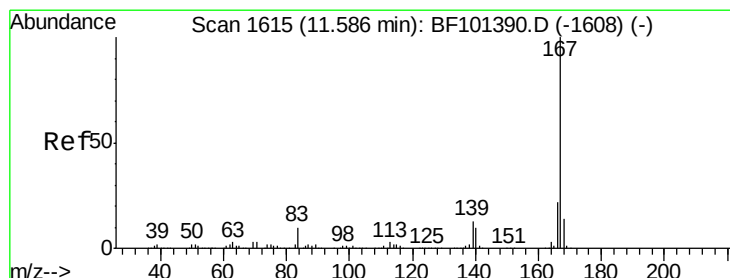
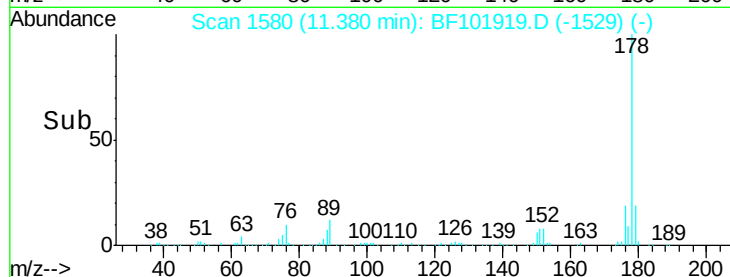
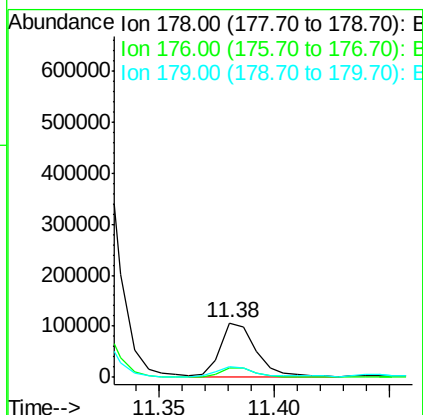
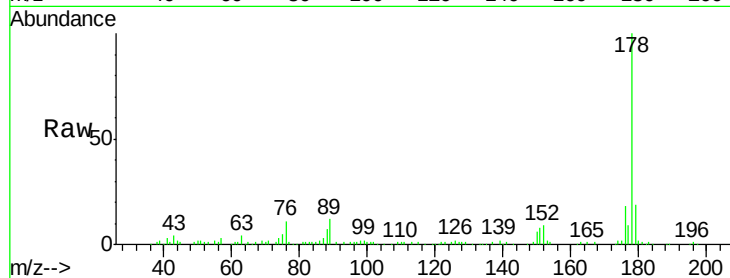




#71
 Anthracene
 Concen: 6.342 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101919.D
 Acq: 5 Jan 2018 10:32

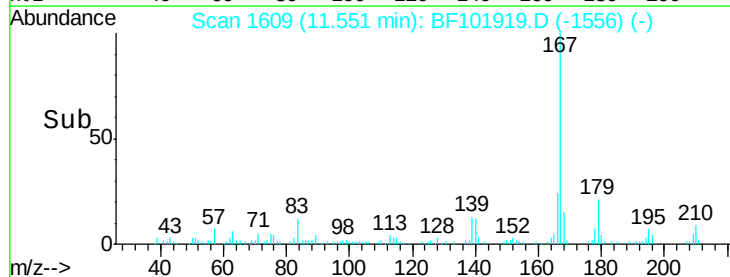
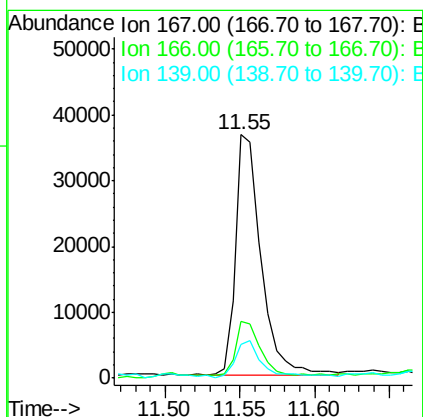
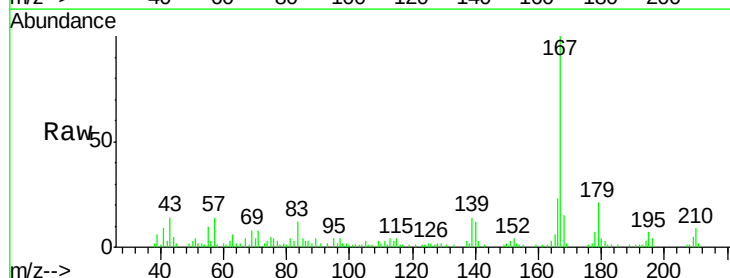
Instrument :
 BNA_F
 ClientSampleId :
 B-3(5)

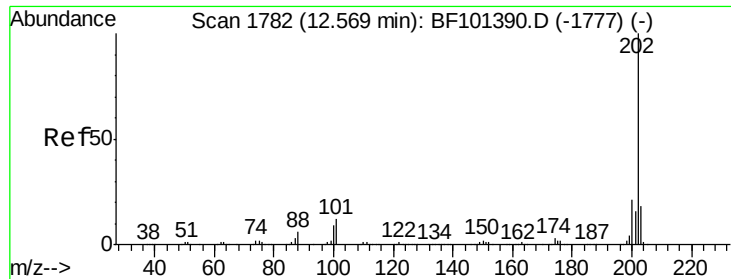
Tgt Ion:178 Resp: 113266
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 18.7 12.6 19.0



#72
 Carbazole
 Concen: 2.654 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF101919.D
 Acq: 5 Jan 2018 10:32

Tgt Ion:167 Resp: 44374
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.6 26.4
 139 13.9 10.9 16.3





#74

Fluoranthene

Concen: 33.864 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

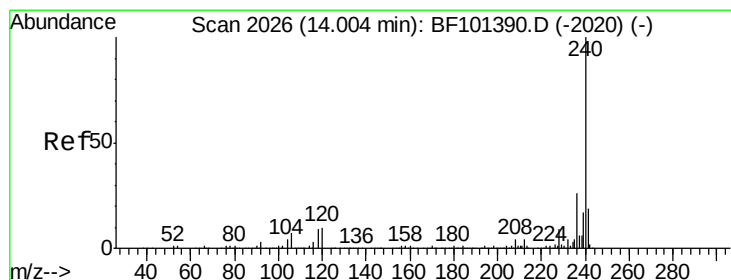
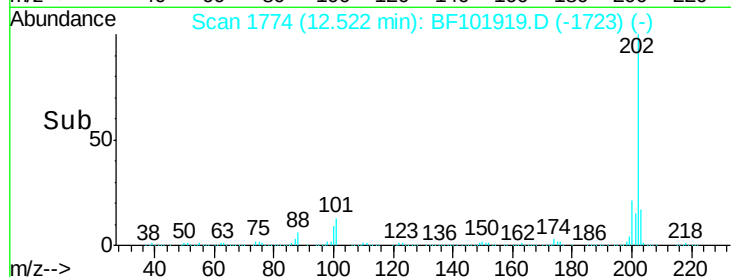
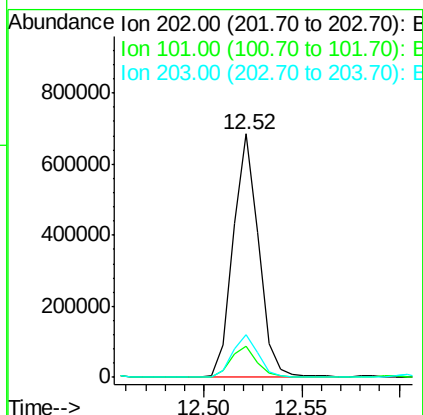
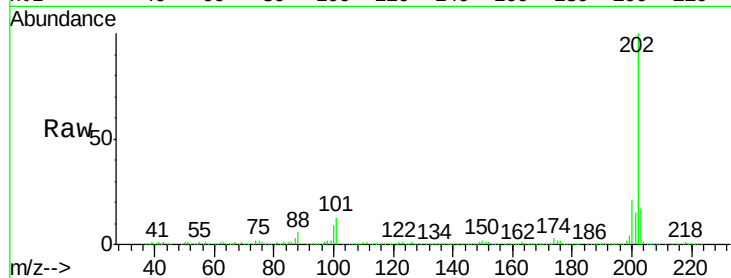
Instrument :

BNA_F

ClientSampleId :

B-3(5)

Tgt Ion:	202	Resp:	621515
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.5	0.0	38.1



#75

Chrysene-d12

Concen: 20.000 ng

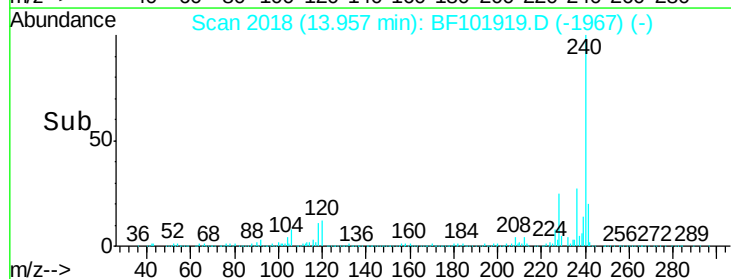
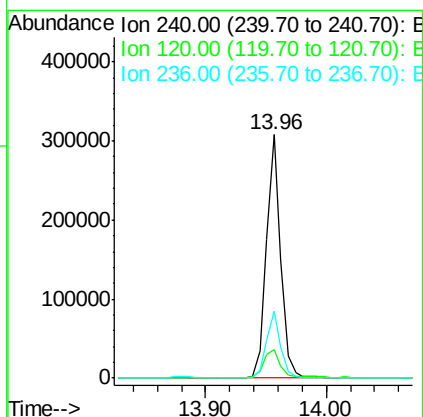
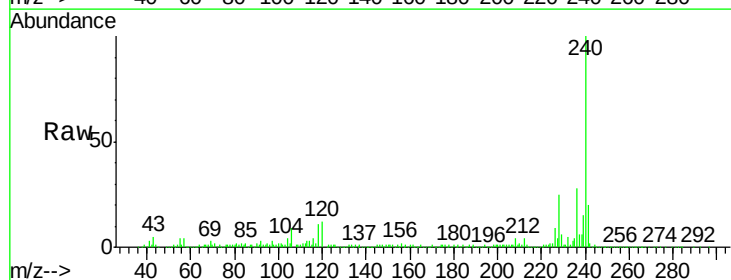
RT: 13.96 min Scan# 2018

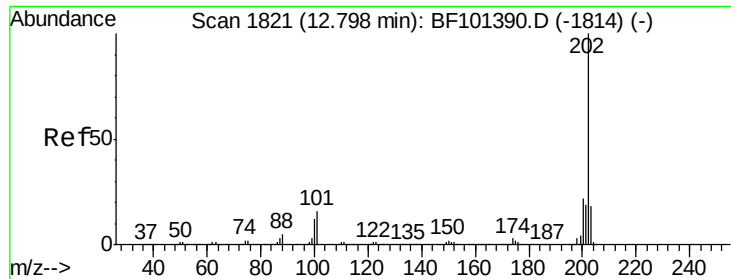
Delta R.T. 0.00 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

Tgt Ion:	240	Resp:	250840
Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	27.6	20.7	31.1

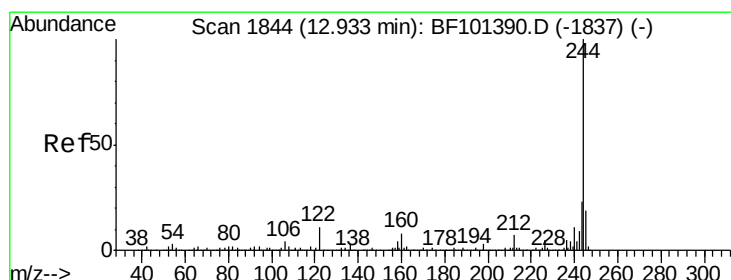
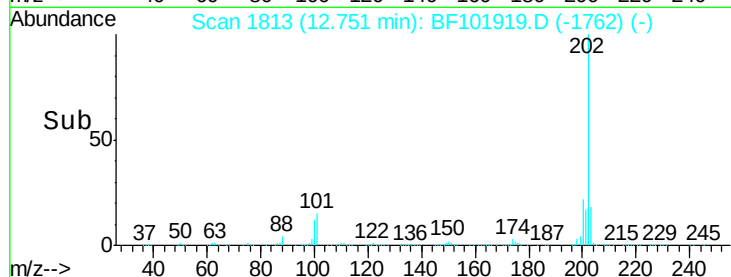
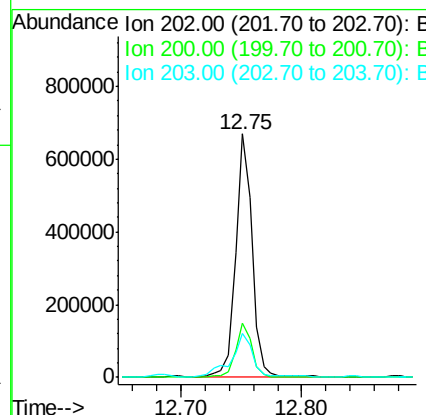
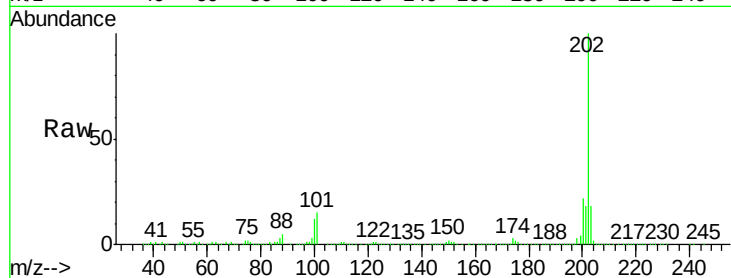




#77
 Pyrene
 Concen: 33.709 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BF101919.D
 Acq: 5 Jan 2018 10:32

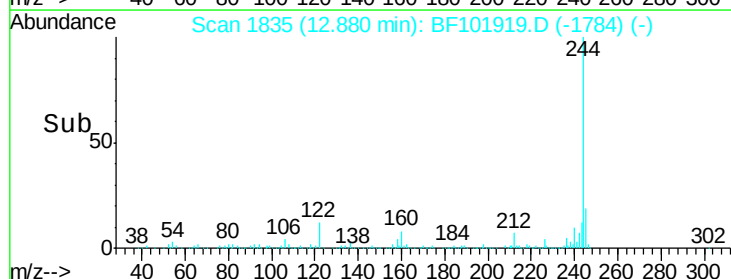
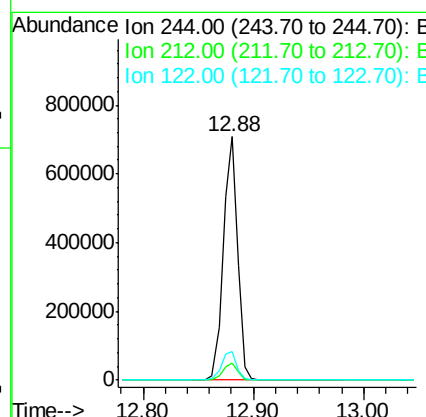
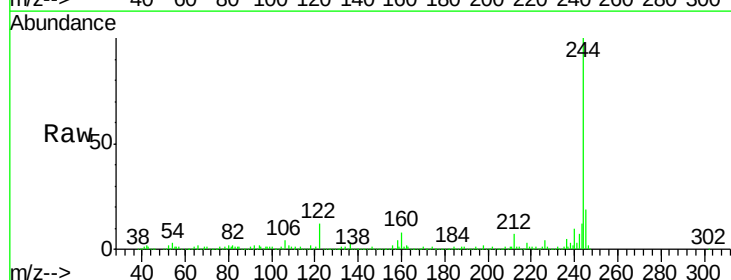
Instrument :
 BNA_F
 ClientSampleId :
 B-3(5)

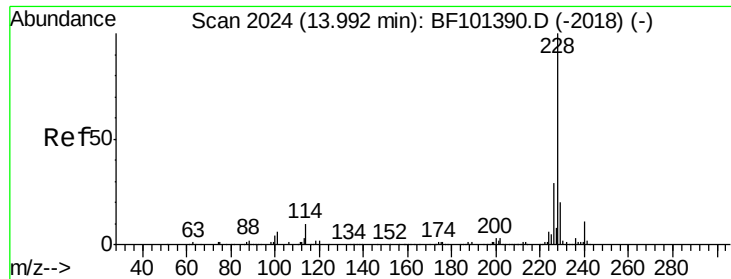
Tgt Ion:202 Resp: 634593
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.4 26.2
 203 18.0 14.3 21.5



#78
 Terphenyl-d14
 Concen: 61.106 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: BF101919.D
 Acq: 5 Jan 2018 10:32

Tgt Ion:244 Resp: 635807
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 11.7 11.0 16.4





#80

Benzo(a)anthracene

Concen: 20.203 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

Instrument :

BNA_F

ClientSampleId :

B-3(5)

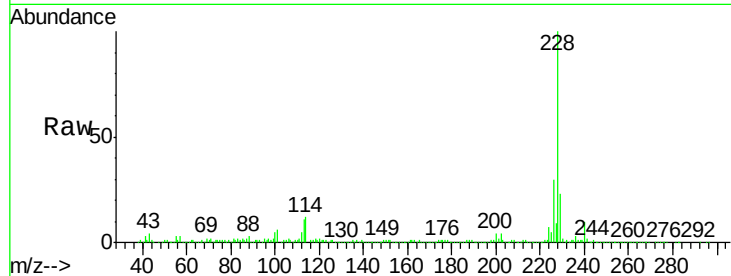
Tgt Ion:228 Resp: 334636

Ion Ratio Lower Upper

228 100

226 29.7 22.6 33.8

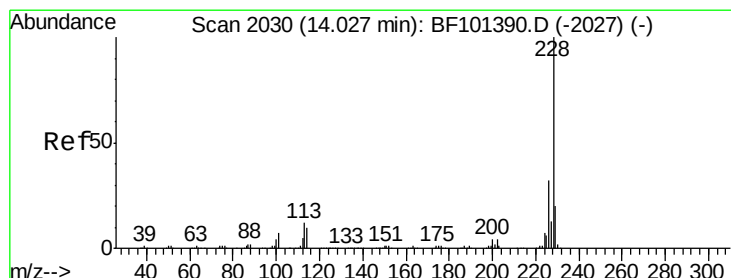
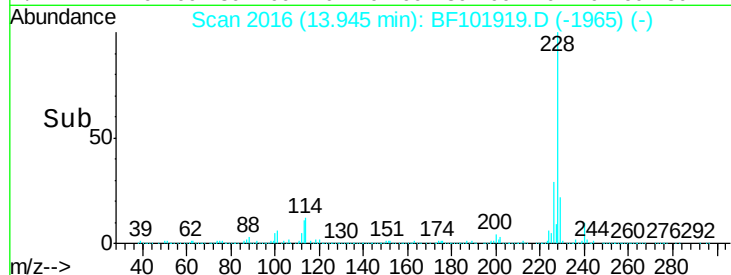
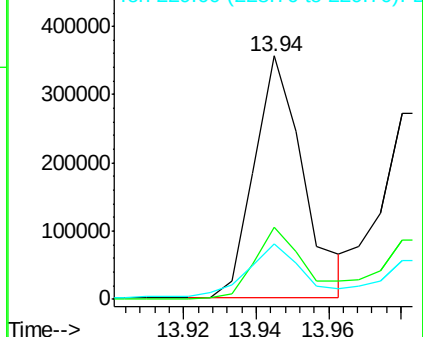
229 22.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 20.178 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

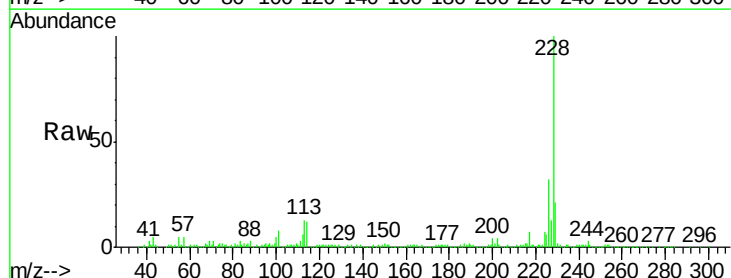
Tgt Ion:228 Resp: 315567

Ion Ratio Lower Upper

228 100

226 31.9 25.0 37.6

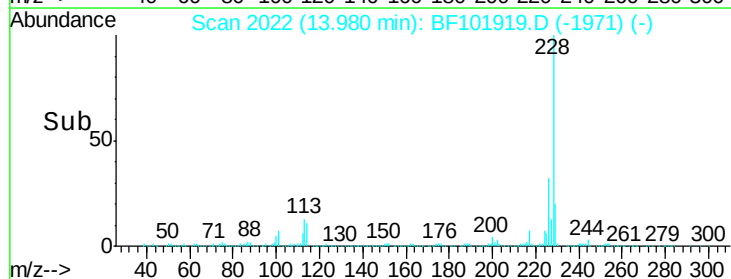
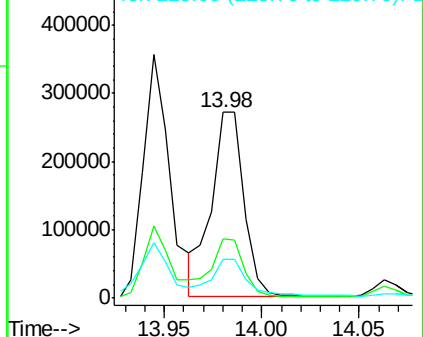
229 20.8 16.2 24.4

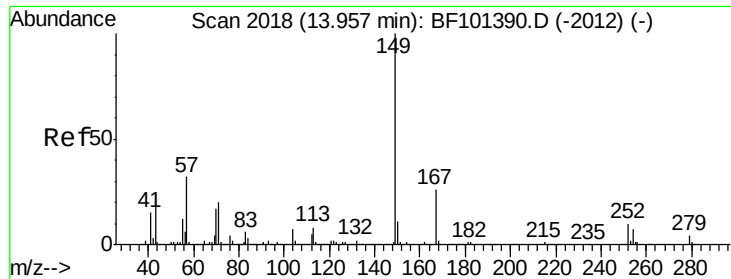


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

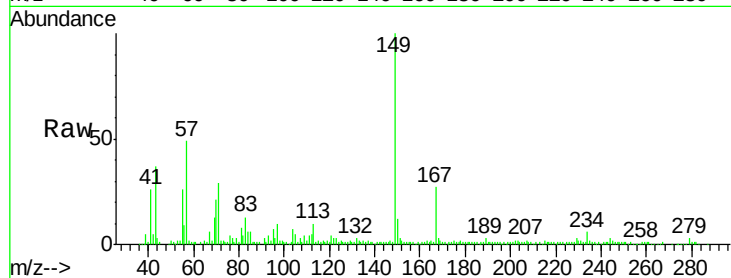




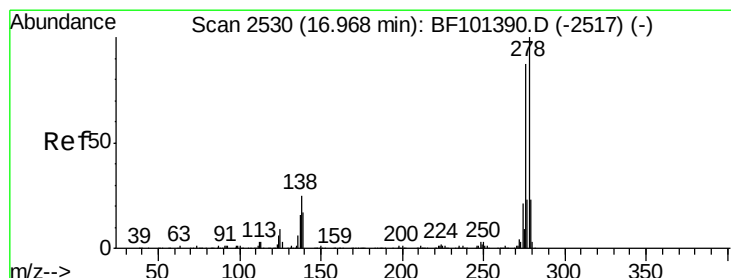
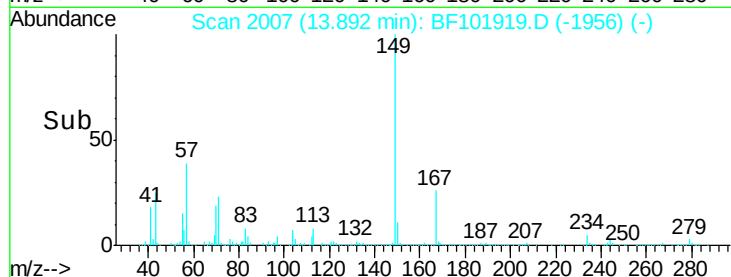
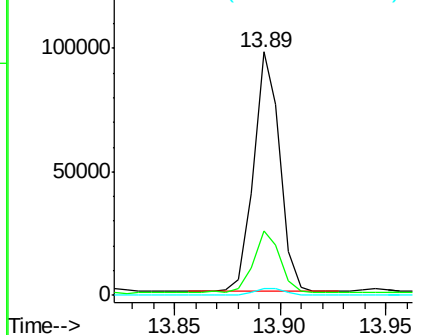
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.732 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BF101919.D
 Acq: 5 Jan 2018 10:32

Instrument :
 BNA_F
 ClientSampleId :
 B-3(5)

Tgt Ion:149 Resp: 83422
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 2.9 3.0 4.4#

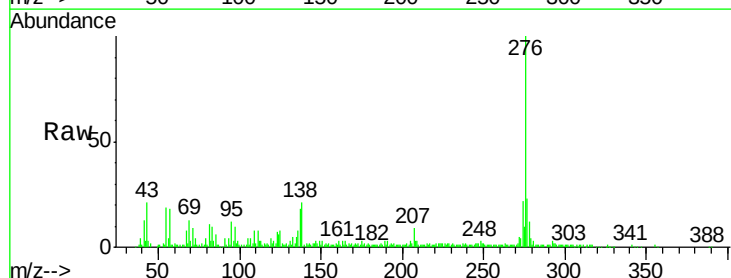


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

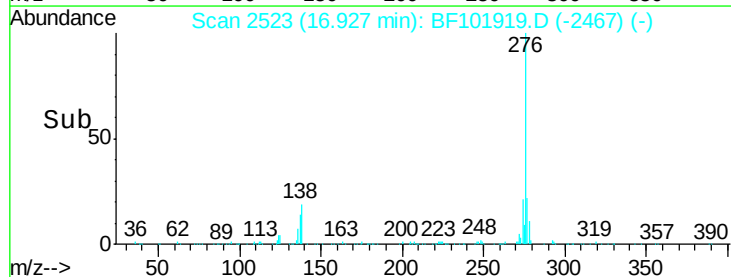
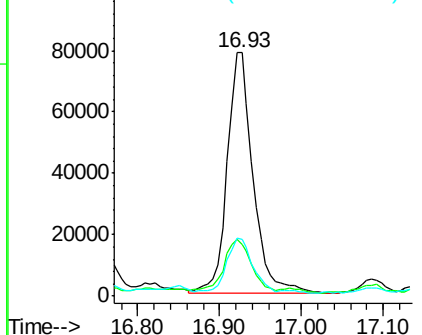


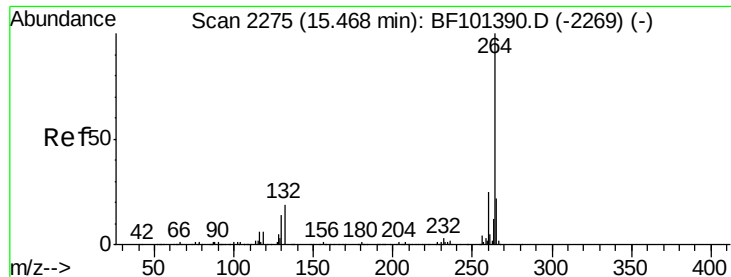
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.412 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.03 min
 Lab File: BF101919.D
 Acq: 5 Jan 2018 10:32

Tgt Ion:276 Resp: 172852
 Ion Ratio Lower Upper
 276 100
 138 23.5 25.0 37.6#
 277 22.2 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

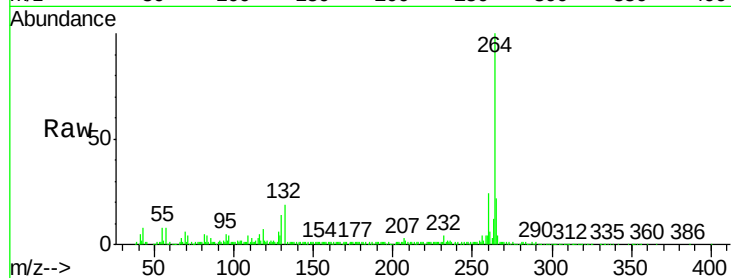




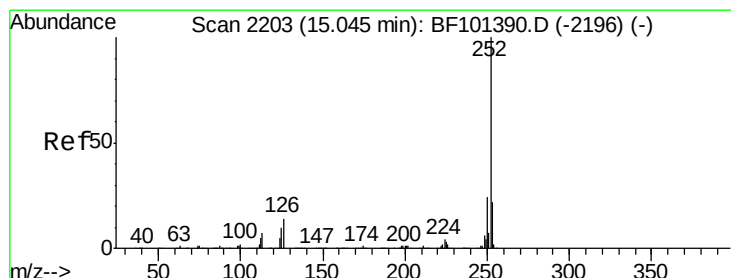
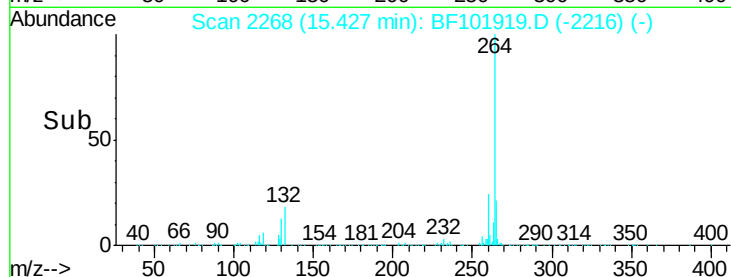
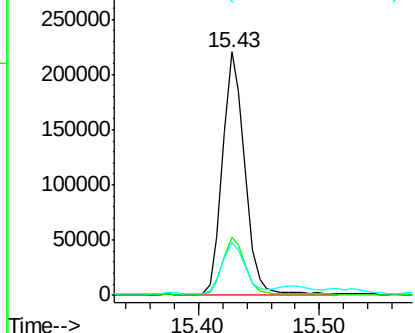
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF101919.D
 Acq: 5 Jan 2018 10:32

Instrument :
 BNA_F
 ClientSampleId :
 B-3(5)

Tgt Ion: 264 Resp: 279171
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.7 17.5 26.3

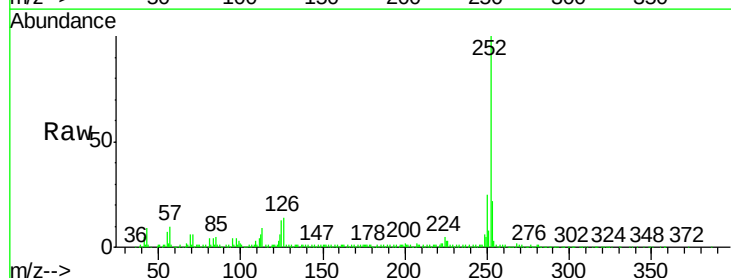


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

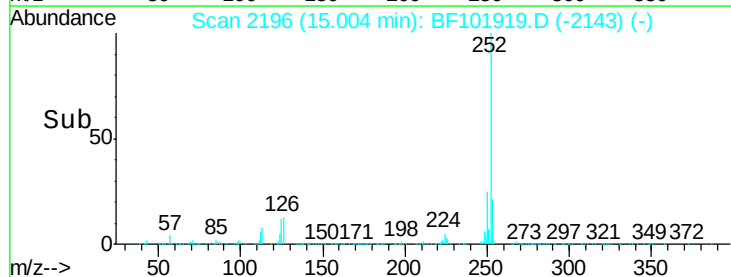
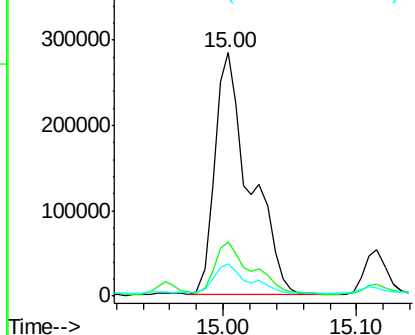


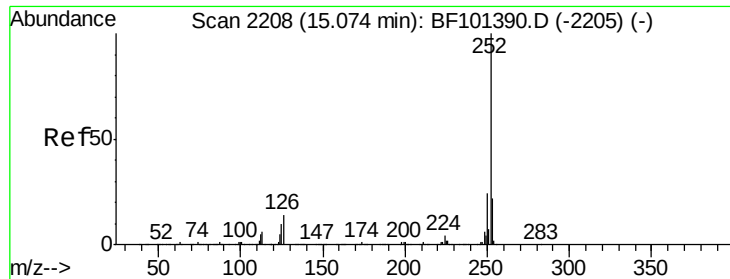
#87
 Benzo(b)fluoranthene
 Concen: 30.469 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: BF101919.D
 Acq: 5 Jan 2018 10:32

Tgt Ion: 252 Resp: 518471
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.0 25.6
 125 13.1 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

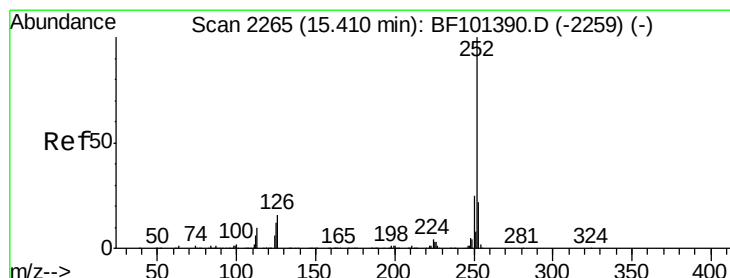
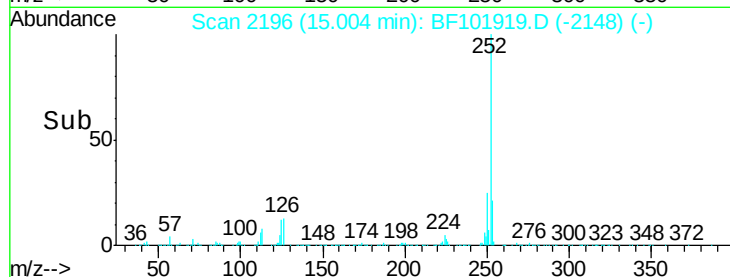
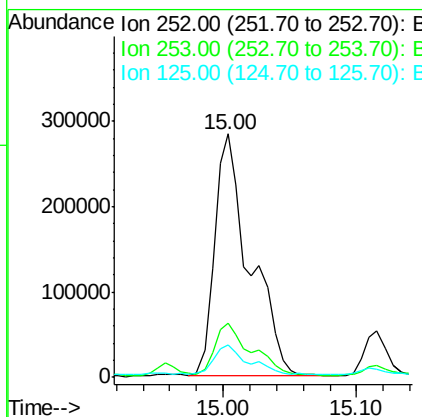
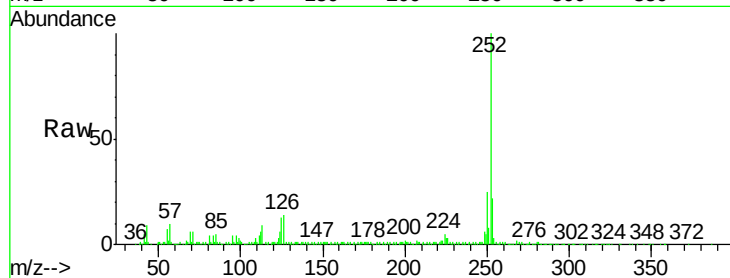




#88
Benzo(k)fluoranthene
Concen: 31.338 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF101919.D
Acq: 5 Jan 2018 10:32

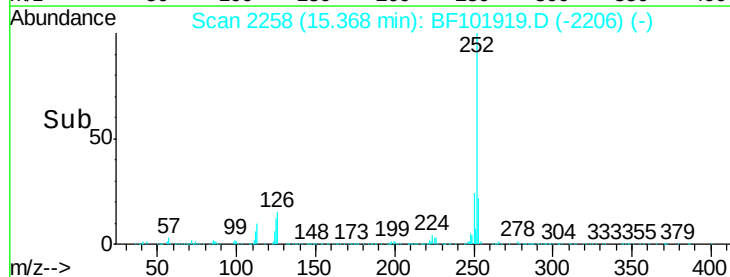
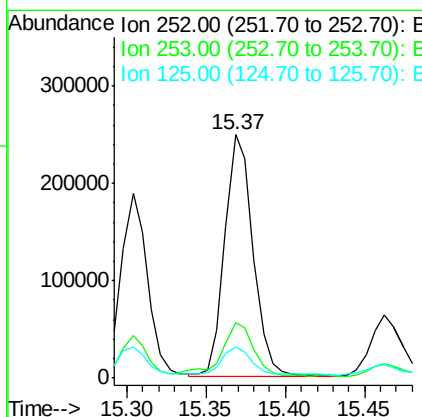
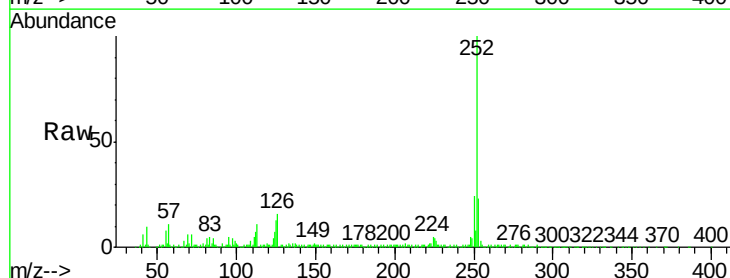
Instrument :
BNA_F
ClientSampleId :
B-3(5)

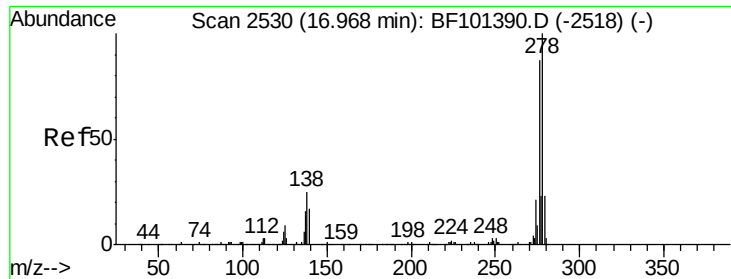
Tgt Ion:252 Resp: 518471
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 13.1 10.2 15.2



#89
Benzo(a)pyrene
Concen: 19.594 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF101919.D
Acq: 5 Jan 2018 10:32

Tgt Ion:252 Resp: 307355
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 13.0 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 3.884 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.02 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

Instrument :

BNA_F

ClientSampleId :

B-3(5)

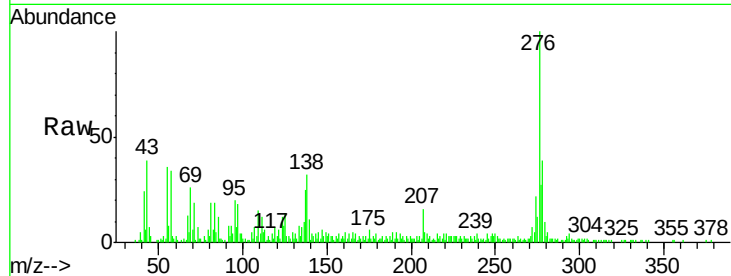
Tgt Ion:278 Resp: 52304

Ion Ratio Lower Upper

278 100

139 29.1 15.9 23.9#

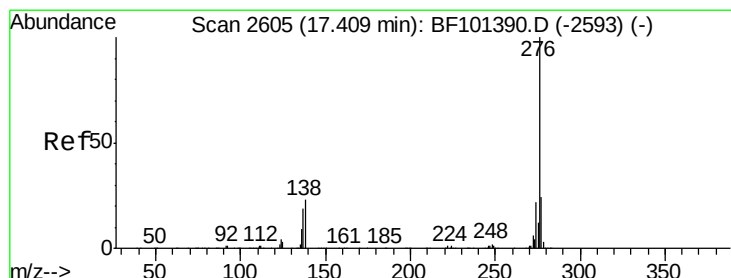
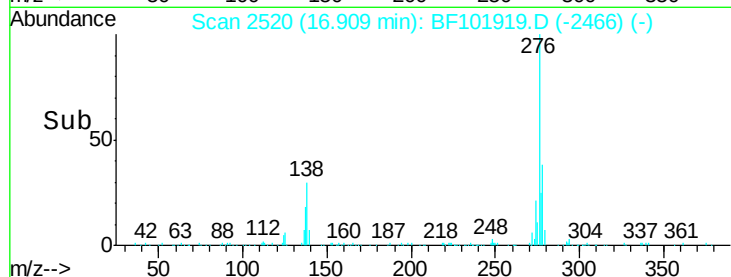
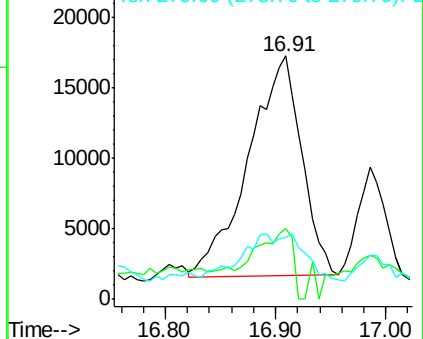
279 25.3 19.0 28.4



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: 12.392 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.03 min

Lab File: BF101919.D

Acq: 5 Jan 2018 10:32

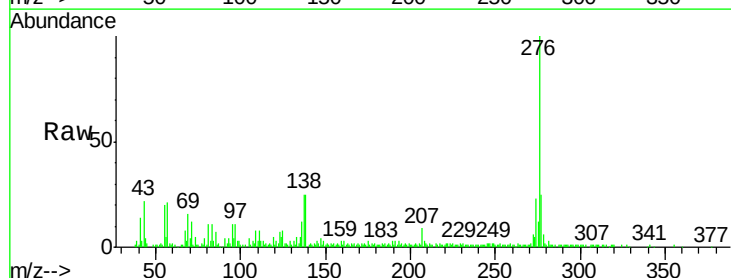
Tgt Ion:276 Resp: 165263

Ion Ratio Lower Upper

276 100

277 25.0 17.9 26.9

138 25.4 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

