

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042189.D
 Acq On : 13 Aug 2019 20:24
 Operator : HP/JU
 Sample : K4215-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOB5

Quant Time: Aug 14 05:04:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 02:56:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	68151	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	280963	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	196472	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	396647	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	414956	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	491545	20.00	ng/ul	0.00

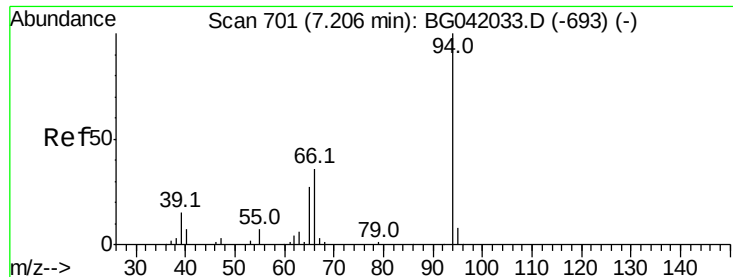
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4752	3.05	ng/uL	0.00
5) Phenol-d5	7.18	99	113962	21.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	63635	21.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	107301	23.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	104627	23.30	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	329	0.16	ng/ul	0.34
22) 2-Nitrophenol-d4	9.92	143	66160	26.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	125711	25.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	168023	30.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	360785	23.68	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	427663	24.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	37816	14.78	ng/ul	0.00
57) Fluorene-d10	15.68	176	326417	24.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	24903	9.79	ng/ul	0.00
70) Anthracene-d10	17.55	188	502438	26.40	ng/ul	0.00
78) Pyrene-d10	19.83	212	569874	24.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	653559	25.45	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.21	94	12668	2.295	ng/ul	93
14) Acetophenone	8.99	105	8999	1.303	ng/ul	85
17) Hexachloroethane	9.15	117	23184	12.079	ng/ul#	1
21) Isophorone	9.77	82	14013	1.459	ng/ul#	1
24) 2,4-Dimethylphenol	10.05	107	5939	1.147	ng/ul#	45
28) Naphthalene	10.90	128	35906	2.500	ng/ul#	82
34) 2-Methylnaphthalene	12.51	142	443108	38.813	ng/ul	100
44) Dimethylphthalate	14.13	163	80625	5.329	ng/ul#	94
49) Acenaphthene	14.75	153	37458	3.049	ng/ul	91
58) Fluorene	15.74	166	62898	4.259	ng/ul#	94
64) N-Nitrosodiphenylamine	15.95	169	109160	9.276	ng/ul#	51
69) Phenanthrene	17.49	178	248308	11.435	ng/ul	96
71) Anthracene	17.49	178	248308	11.275	ng/ul	97
75) Di-n-butylphthalate	18.40	149	45105	2.006	ng/ul#	97
76) Fluoranthene	19.50	202	48590	1.937	ng/ul	97
79) Pyrene	19.86	202	63814	2.286	ng/ul#	95
83) Bis(2-ethylhexyl)phthalate	21.61	149	492926	32.883	ng/ul	98
84) Chrysene	21.77	228	31325	1.167	ng/ul#	91
86) Di-n-octyl phthalate	22.85	149	32896	1.353	ng/ul	100
87) Benzo(b)fluoranthene	23.96	252	32355	1.049	ng/ul#	83

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



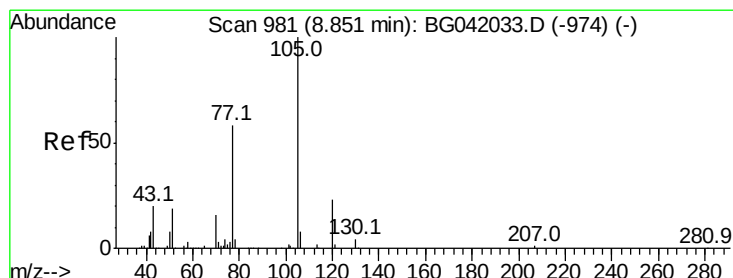
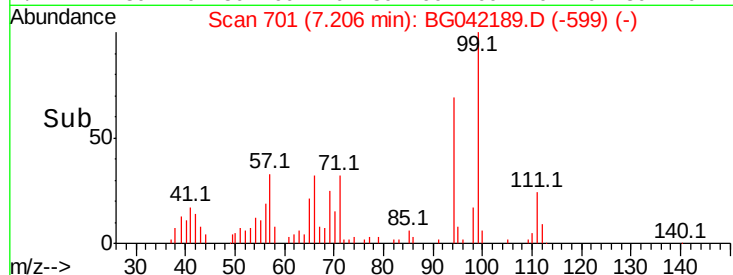
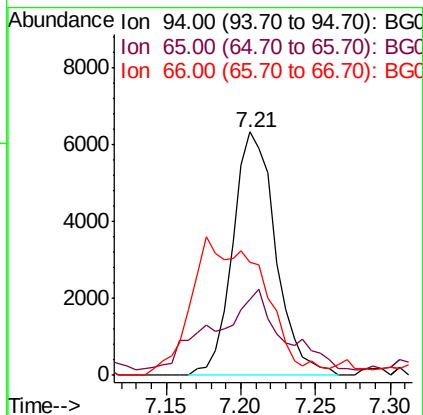
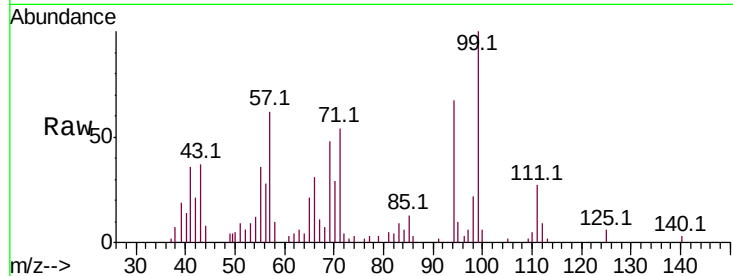
#6

Phenol

Concen: 2.295 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG042189.D
 Acq: 13 Aug 2019 20:24

Instrument :
 BNA_G
 ClientSampleId :
 ETOB5

Tot Ion: 94 Resp: 12668
 Ion Ratio Lower Upper
 94 100
 65 31.2 25.8 38.6
 66 46.5 31.8 47.8

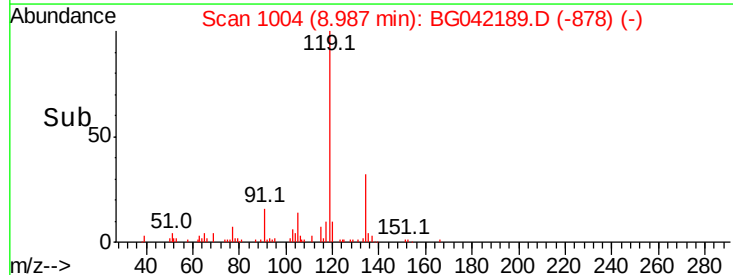
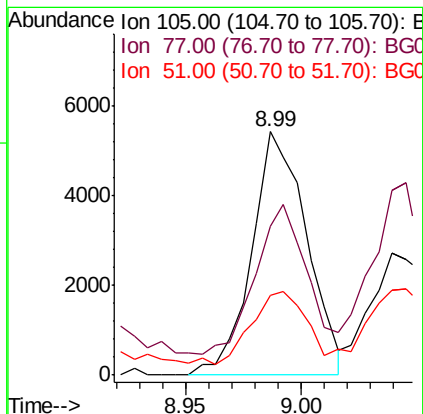
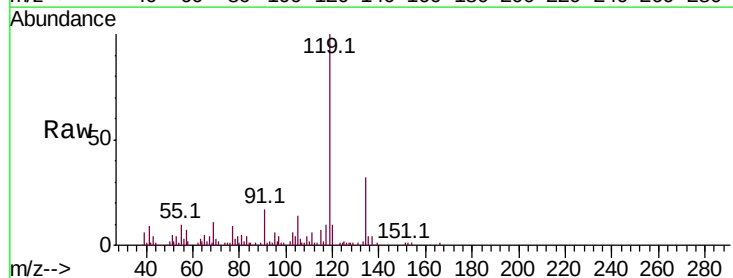


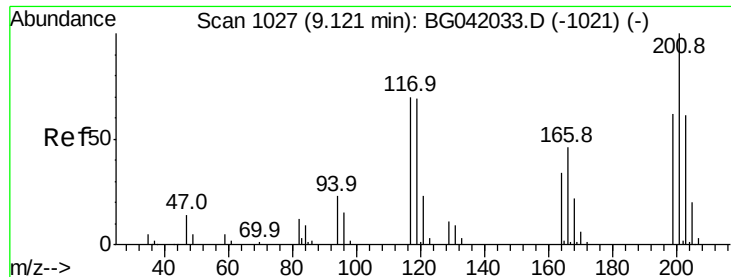
#14

Acetophenone

Concen: 1.303 ng/ul
 RT: 8.99 min Scan# 1004
 Delta R.T. 0.14 min
 Lab File: BG042189.D
 Acq: 13 Aug 2019 20:24

Tgt Ion: 105 Resp: 8999
 Ion Ratio Lower Upper
 105 100
 77 61.0 60.0 90.0
 51 33.0 22.1 33.1





#17

Hexachloroethane

Concen: 12.079 ng/ul

RT: 9.15 min Scan# 1031

Delta R.T. 0.03 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

Instrument :

BNA_G

ClientSampleId :

ETOB5

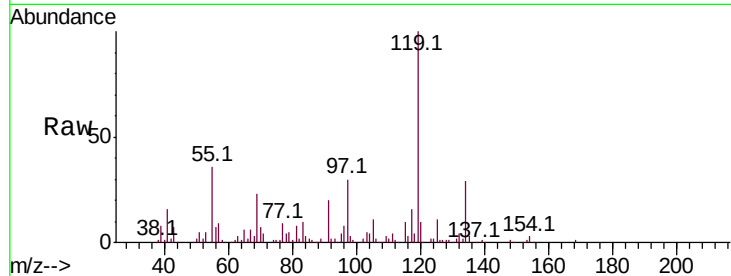
Tot Ion:117 Resp: 23184

Ion Ratio Lower Upper

117 100

201 0.0 103.4 155.2#

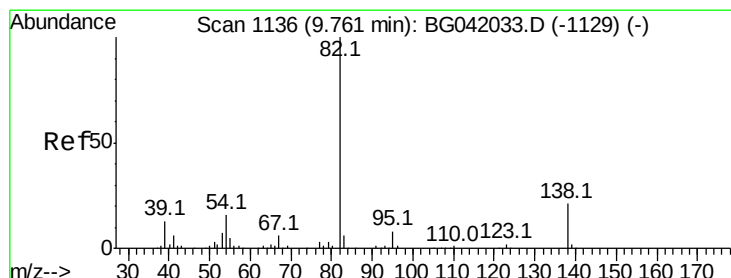
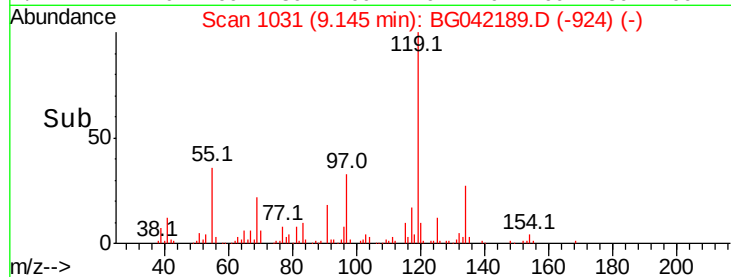
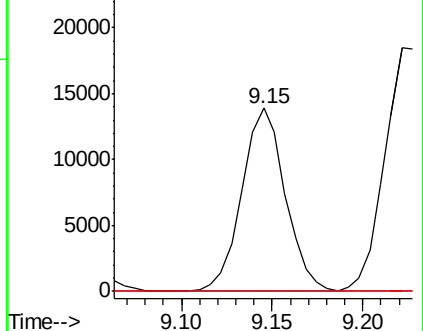
199 0.0 62.9 94.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#21

Isophorone

Concen: 1.459 ng/ul

RT: 9.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

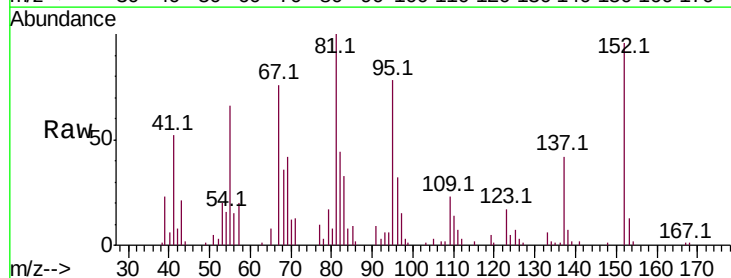
Tgt Ion: 82 Resp: 14013

Ion Ratio Lower Upper

82 100

95 177.5 5.6 8.4#

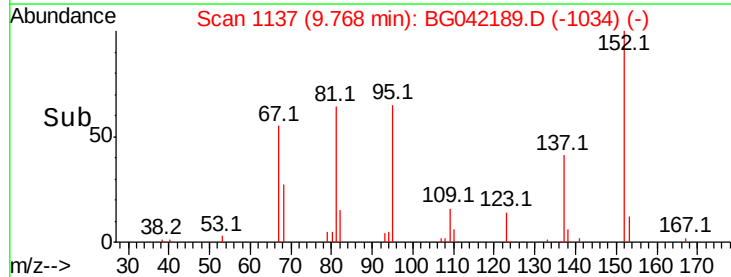
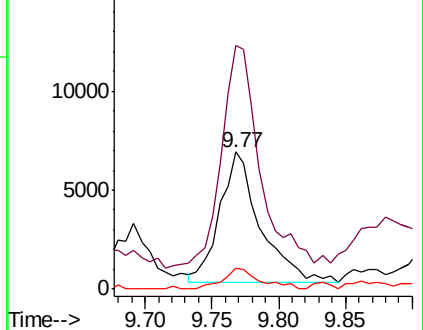
138 15.1 15.8 23.8#

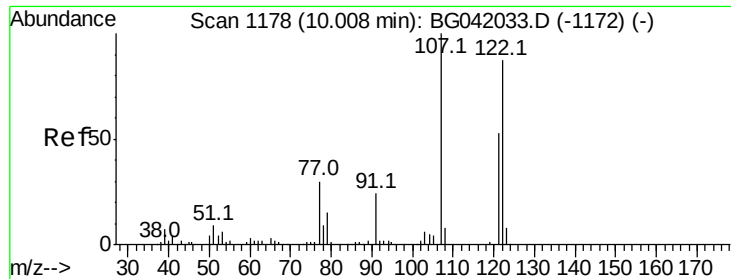


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): E

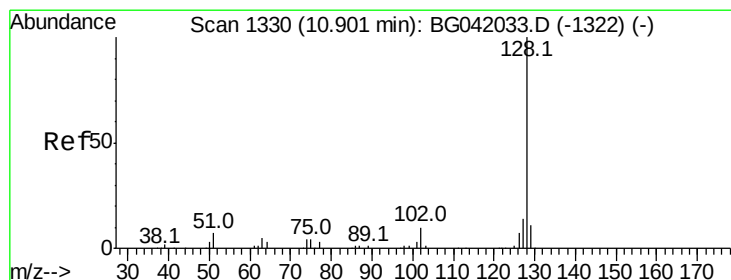
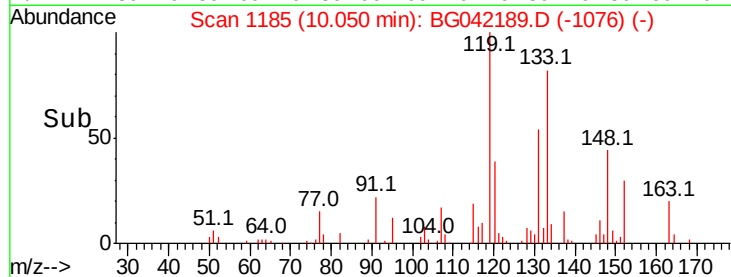
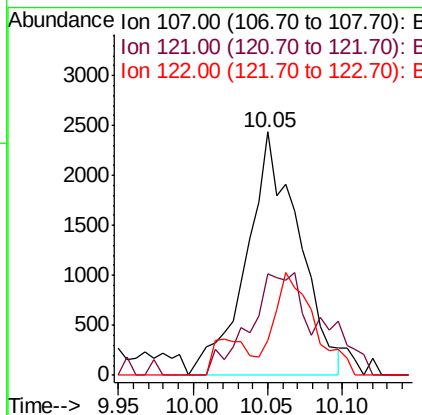
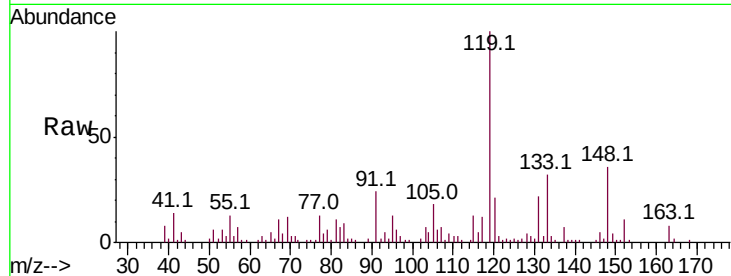




#24
2,4-Dimethylphenol
Concen: 1.147 ng/ul
RT: 10.05 min Scan# 1185
Delta R.T. 0.04 min
Lab File: BG042189.D
Acq: 13 Aug 2019 20:24

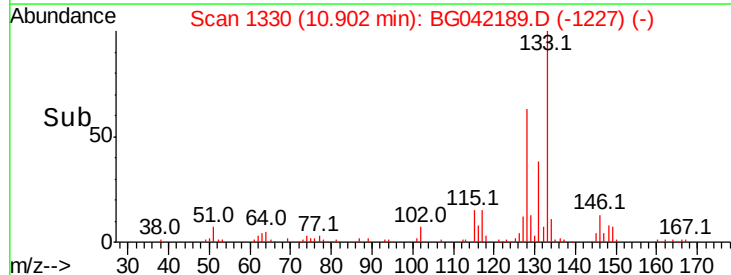
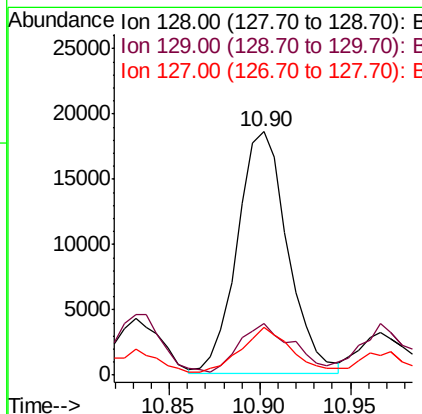
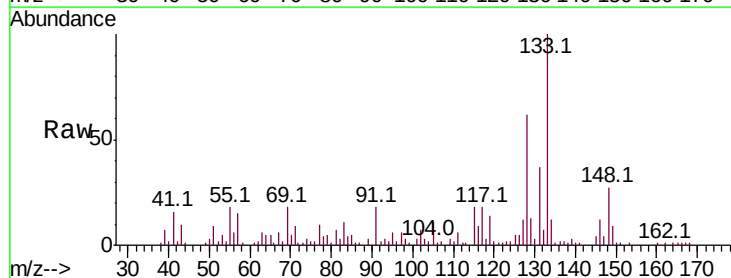
Instrument :
BNA_G
ClientSampleId :
ETOB5

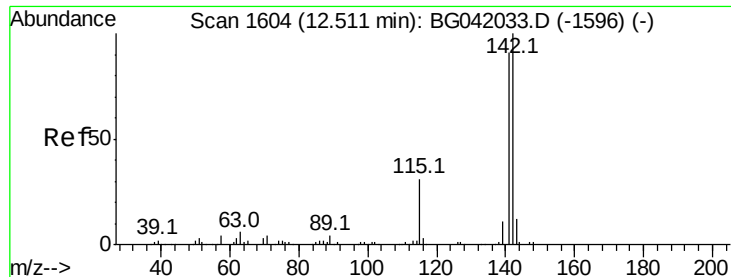
Tot Ion:107 Resp: 5939
Ion Ratio Lower Upper
107 100
121 41.5 45.0 67.6#
122 14.2 68.1 102.1#



#28
Naphthalene
Concen: 2.500 ng/ul
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG042189.D
Acq: 13 Aug 2019 20:24

Tgt Ion:128 Resp: 35906
Ion Ratio Lower Upper
128 100
129 20.9 9.5 14.3#
127 19.6 11.4 17.0#

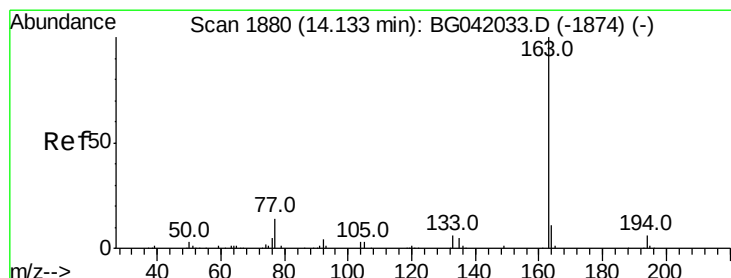
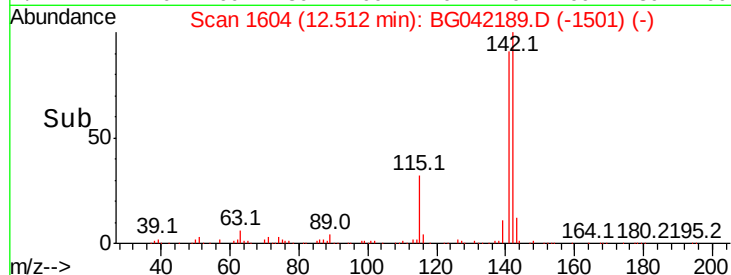
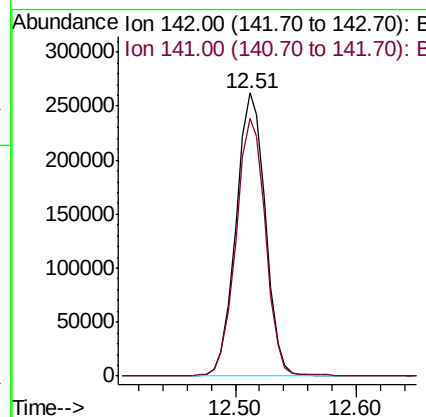
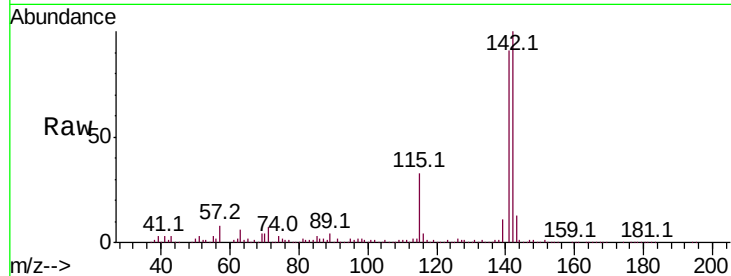




#34
 2-Methylnaphthalene
 Concen: 38.813 ng/ul
 RT: 12.51 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BG042189.D
 Acq: 13 Aug 2019 20:24

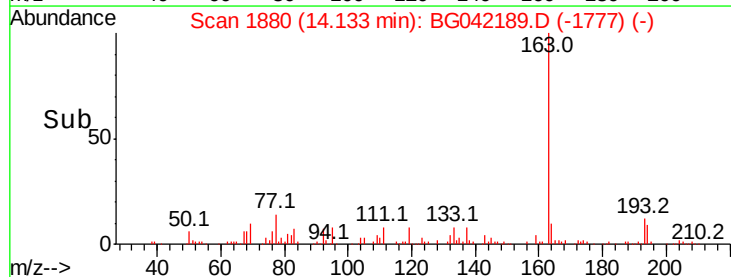
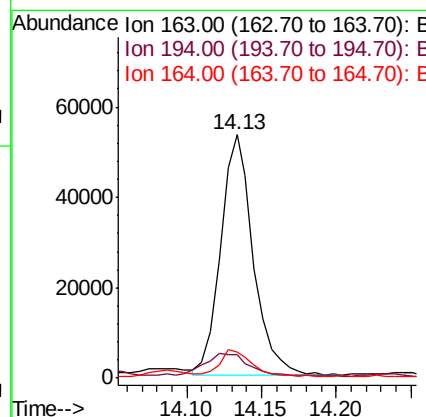
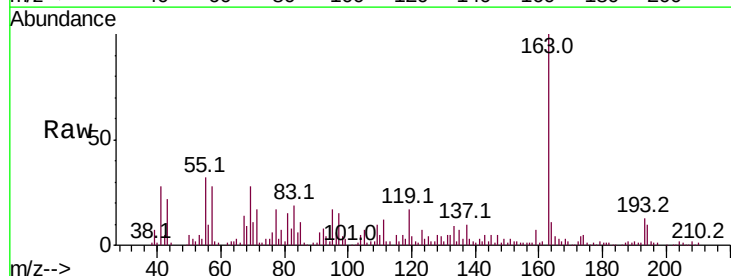
Instrument :
 BNA_G
 ClientSampleId :
 ETOB5

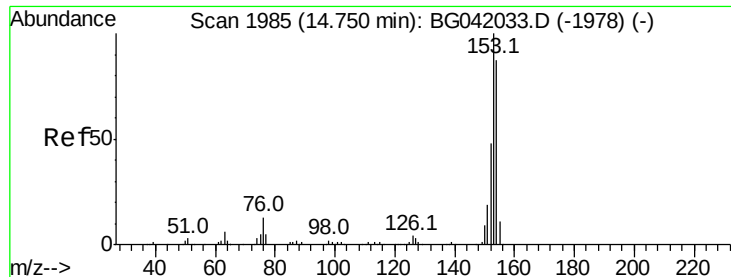
Tot Ion:142 Resp: 443108
 Ion Ratio Lower Upper
 142 100
 141 91.2 72.9 109.3



#44
 Dimethylphthalate
 Concen: 5.329 ng/ul
 RT: 14.13 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG042189.D
 Acq: 13 Aug 2019 20:24

Tgt Ion:163 Resp: 80625
 Ion Ratio Lower Upper
 163 100
 194 9.6 4.2 6.2#
 164 10.5 7.8 11.8





#49

Acenaphthene

Concen: 3.049 ng/ul

RT: 14.75 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

Instrument :

BNA_G

ClientSampleId :

ETOB5

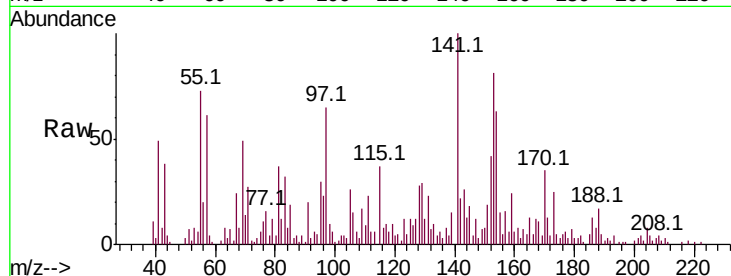
Tot Ion:153 Resp: 37458

Ion Ratio Lower Upper

153 100

152 52.0 37.8 56.8

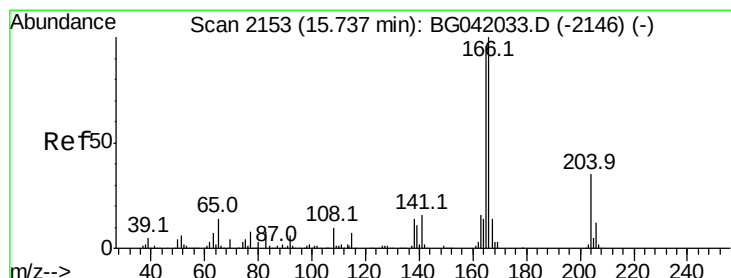
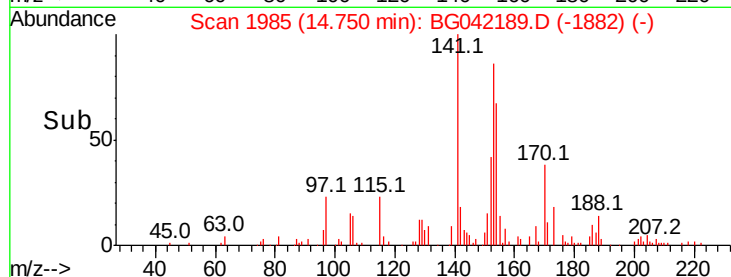
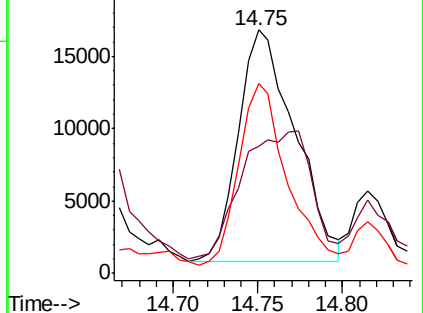
154 78.2 69.4 104.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 4.259 ng/ul

RT: 15.74 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

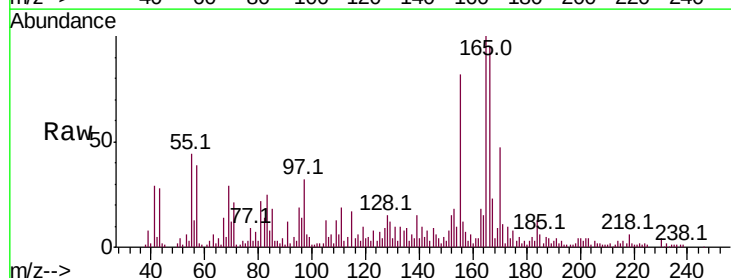
Tgt Ion:166 Resp: 62898

Ion Ratio Lower Upper

166 100

165 105.0 81.1 121.7

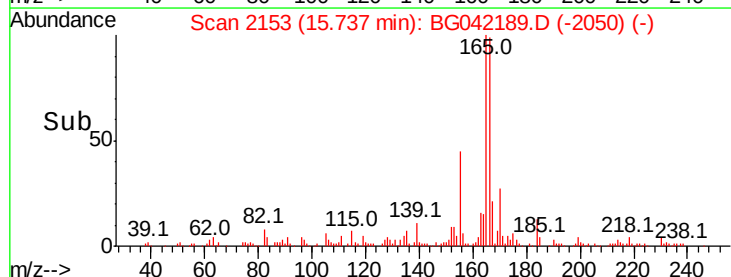
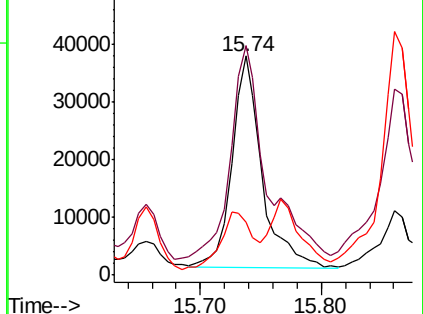
167 23.9 11.0 16.4#

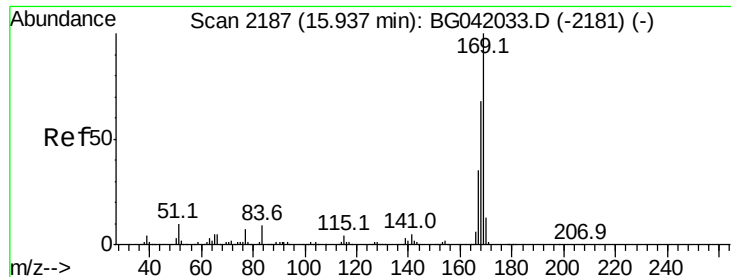


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

N-Nitrosodiphenylamine

Concen: 9.276 ng/ul

RT: 15.95 min Scan# 2189

Delta R.T. 0.01 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

Instrument :

BNA_G

ClientSampleId :

ETOB5

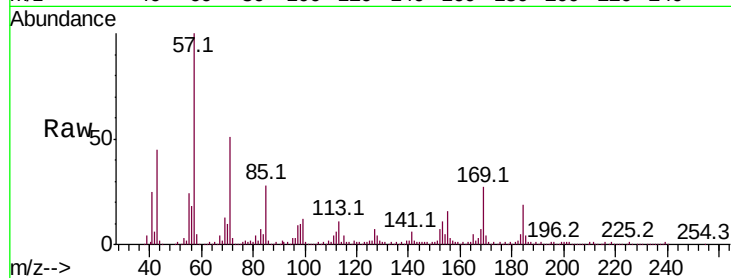
Tot Ion:169 Resp: 109160

Ion Ratio Lower Upper

169 100

168 25.1 55.0 82.4#

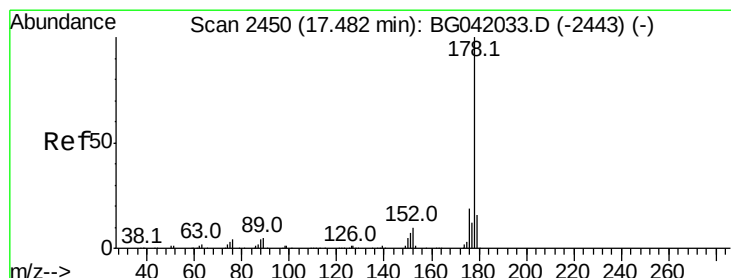
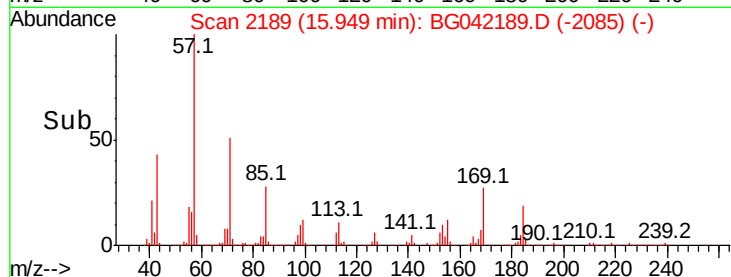
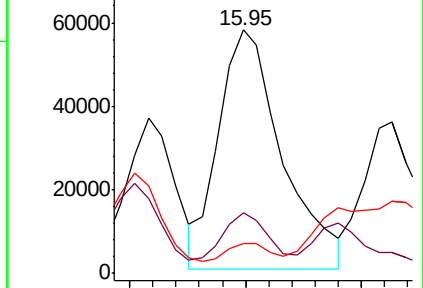
167 12.1 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 11.435 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

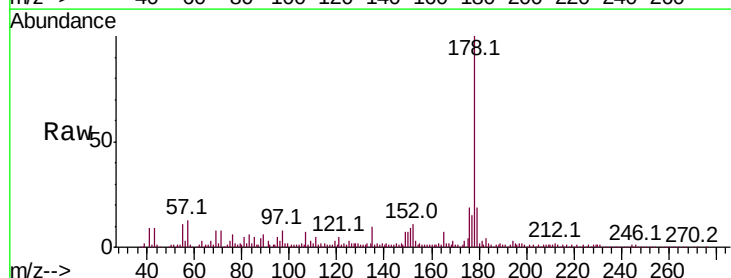
Tgt Ion:178 Resp: 248308

Ion Ratio Lower Upper

178 100

179 19.1 12.8 19.2

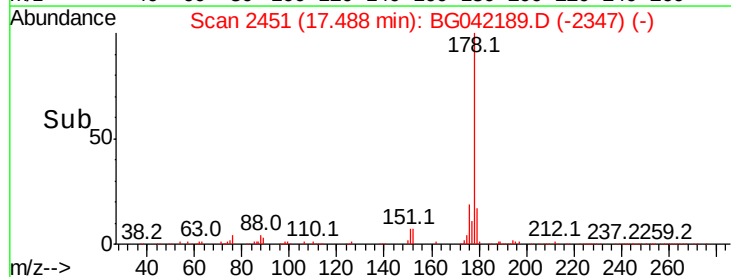
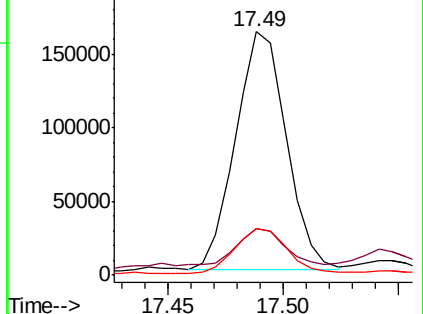
176 19.1 15.4 23.2

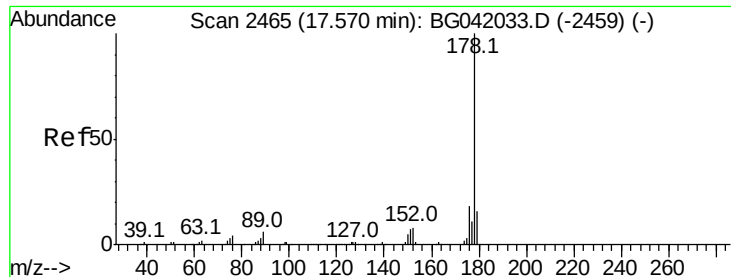


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

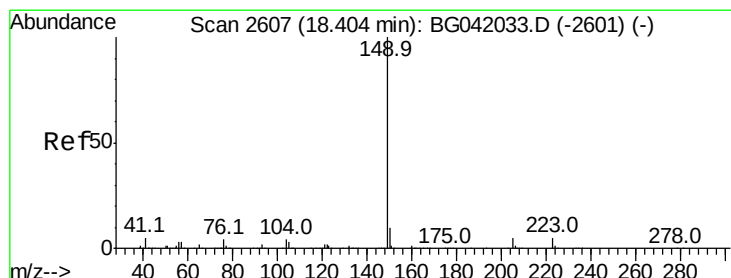
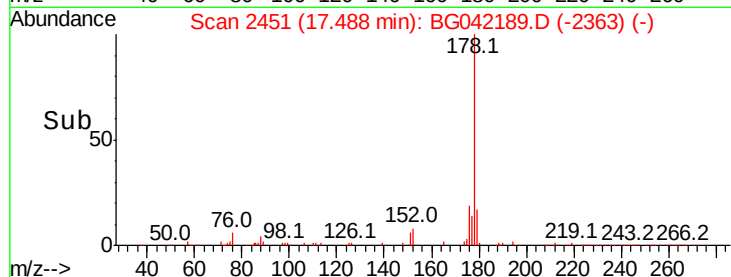
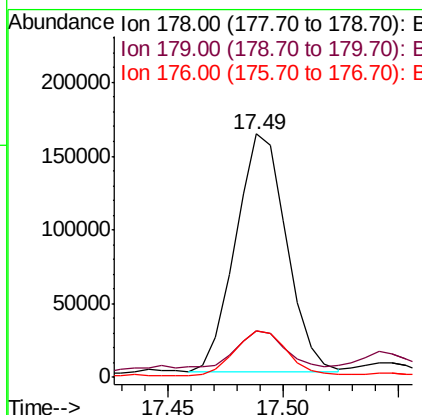
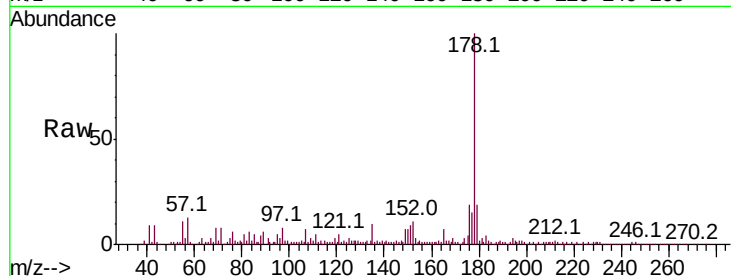




#71
 Anthracene
 Concen: 11.275 ng/ul
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.09 min
 Lab File: BG042189.D
 Acq: 13 Aug 2019 20:24

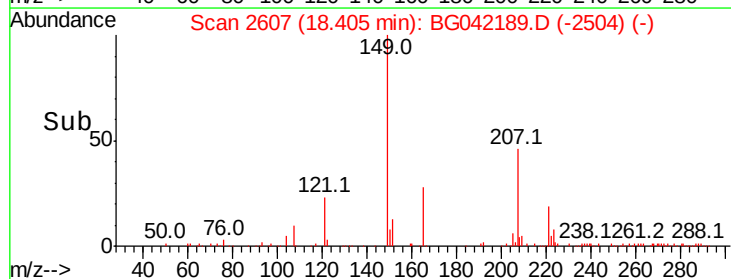
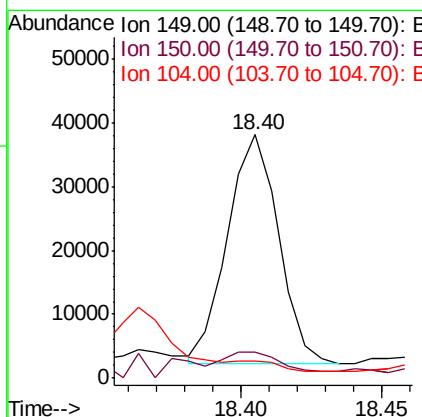
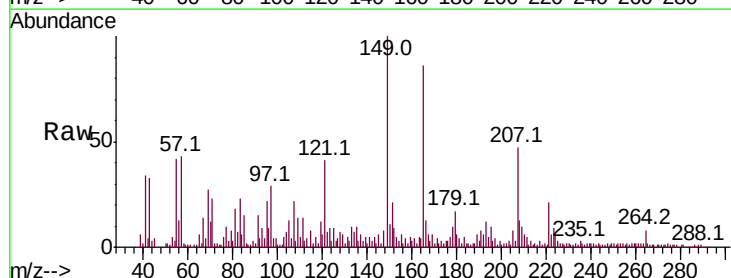
Instrument :
 BNA_G
 ClientSampleId :
 ETOB5

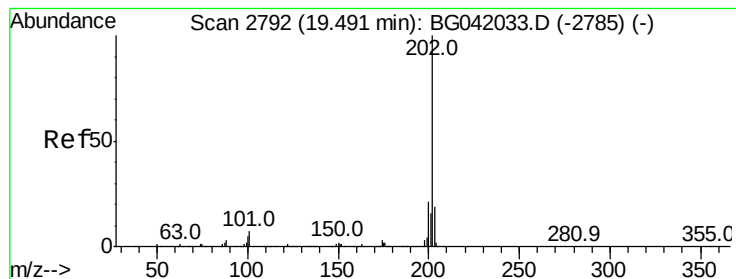
Tot Ion	Ratio	Lower	Upper
178	100		
179	19.1	13.4	20.0
176	19.1	15.4	23.2



#75
 Di-n-butylphthalate
 Concen: 2.006 ng/ul
 RT: 18.40 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: BG042189.D
 Acq: 13 Aug 2019 20:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.3	12.5
104	7.2	3.9	5.9





#76

Fluoranthene

Concen: 1.937 ng/ul

RT: 19.50 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

Instrument :

BNA_G

ClientSampleId :

ETOB5

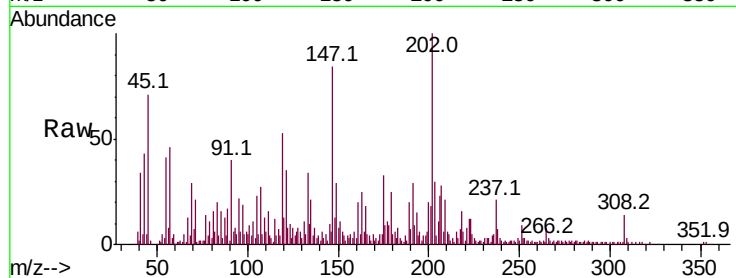
Tot Ion:202 Resp: 48590

Ion Ratio Lower Upper

202 100

101 9.1 6.7 10.1

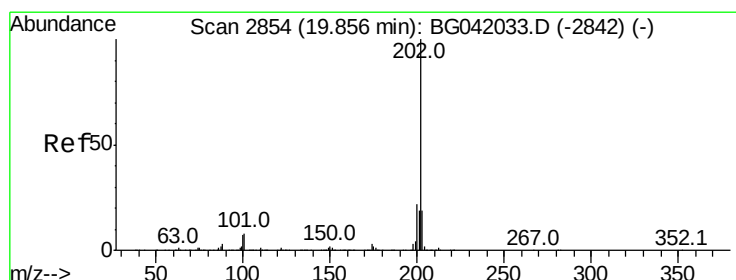
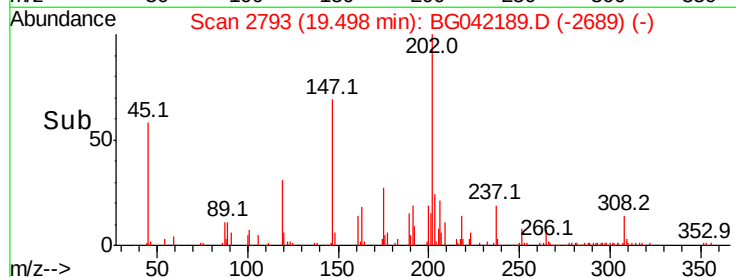
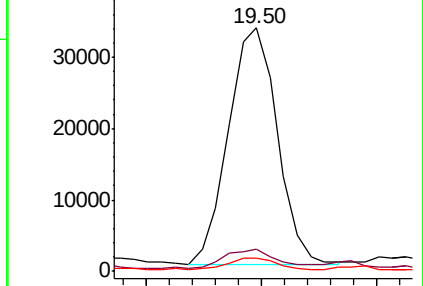
100 5.4 5.3 7.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 2.286 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

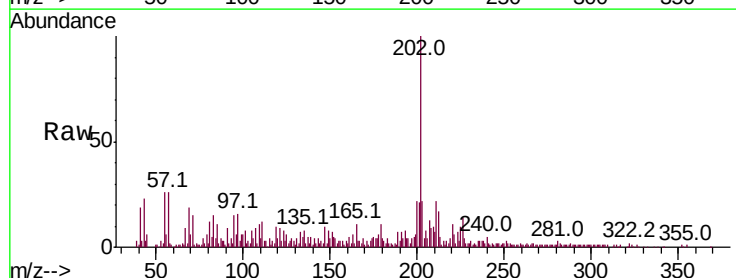
Tgt Ion:202 Resp: 63814

Ion Ratio Lower Upper

202 100

101 8.0 7.6 11.4

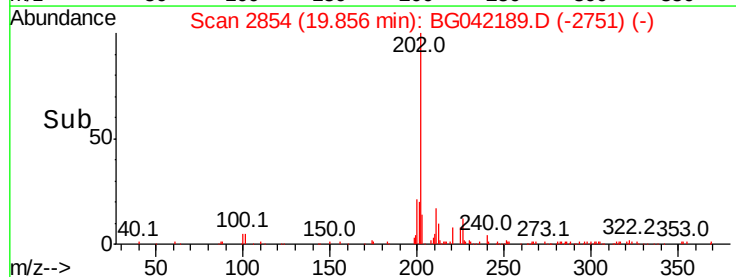
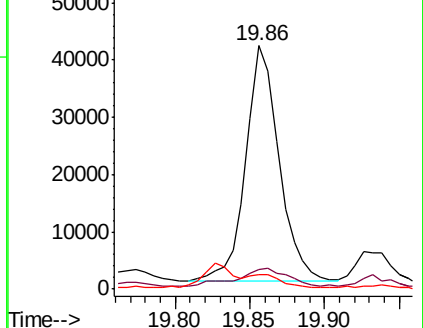
100 6.1 6.5 9.7#

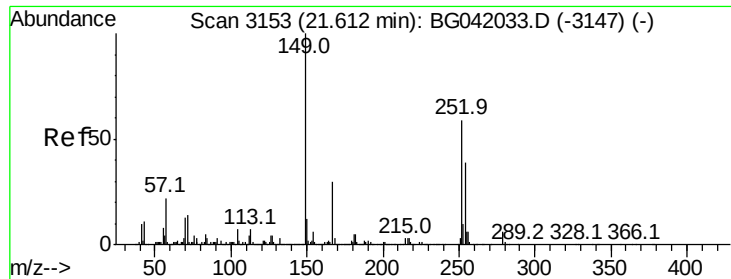


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

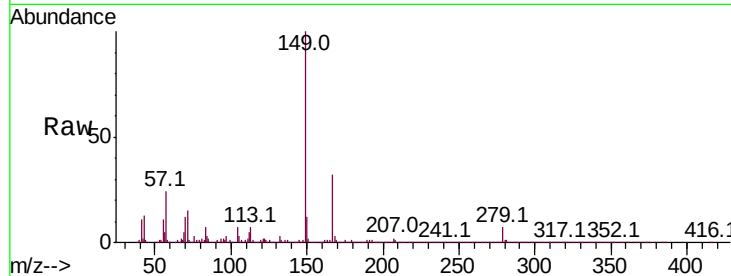




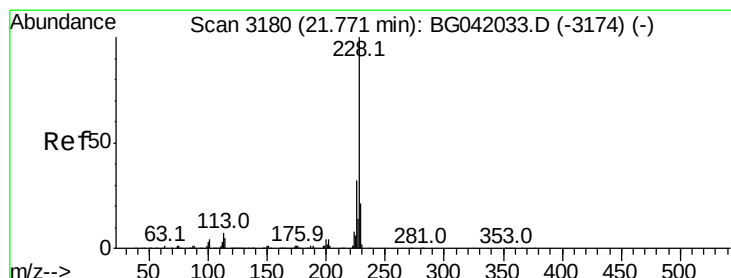
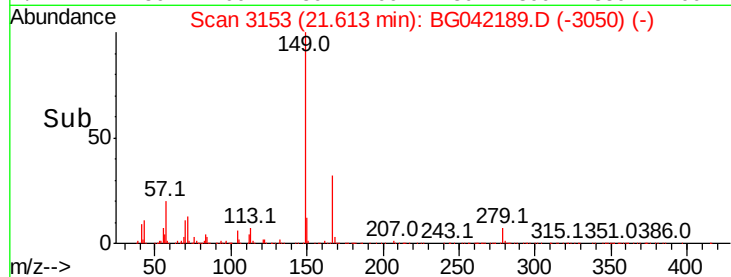
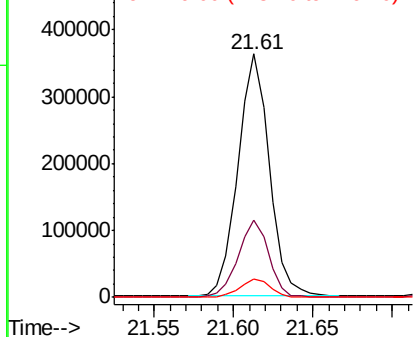
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.883 ng/ul
 RT: 21.61 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG042189.D
 Acq: 13 Aug 2019 20:24

Instrument :
 BNA_G
 ClientSampleId :
 ETOB5

Tot Ion:149 Resp: 492926
 Ion Ratio Lower Upper
 149 100
 167 31.9 25.0 37.4
 279 7.3 5.2 7.8

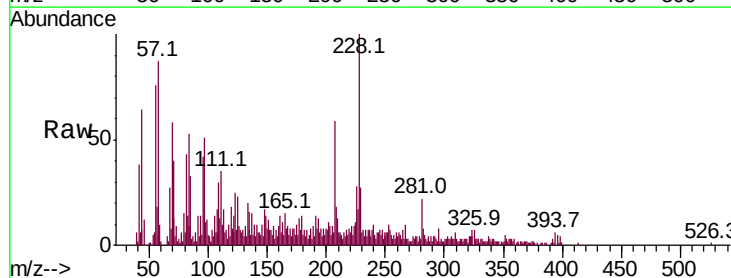


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

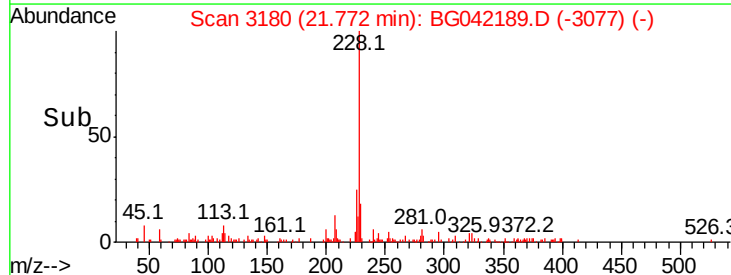
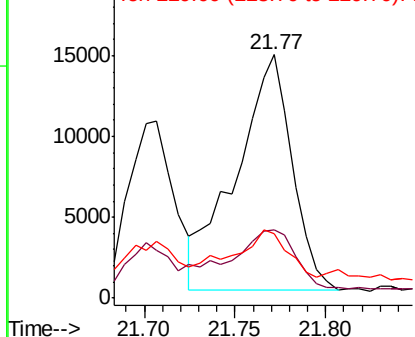


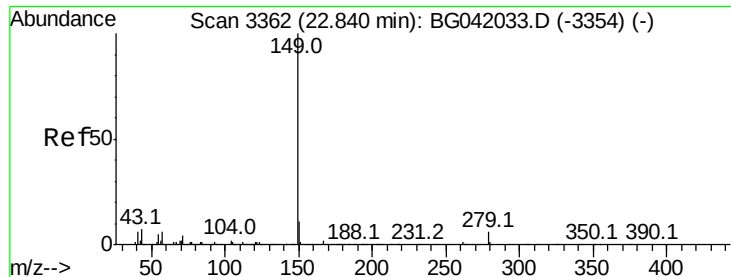
#84
 Chrysene
 Concen: 1.167 ng/ul
 RT: 21.77 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: BG042189.D
 Acq: 13 Aug 2019 20:24

Tgt Ion:228 Resp: 31325
 Ion Ratio Lower Upper
 228 100
 226 28.3 25.7 38.5
 229 26.6 16.6 24.8#



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





#86

Di-n-octyl phthalate

Concen: 1.353 ng/ul

RT: 22.85 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

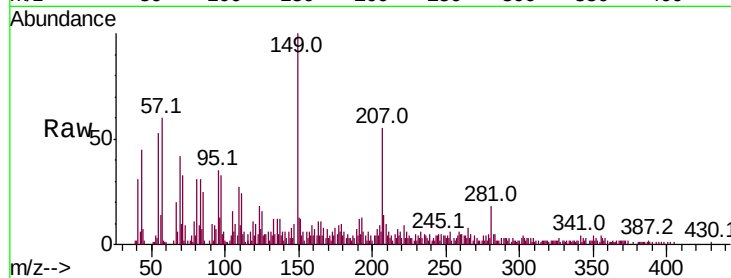
Instrument :

BNA_G

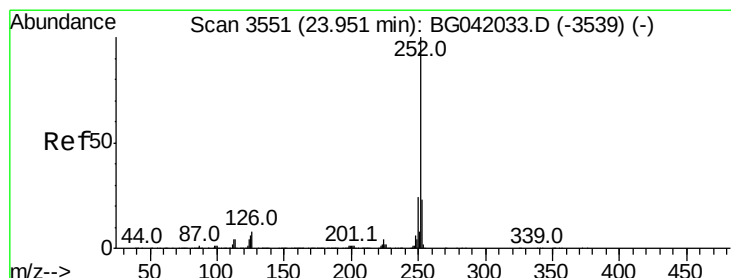
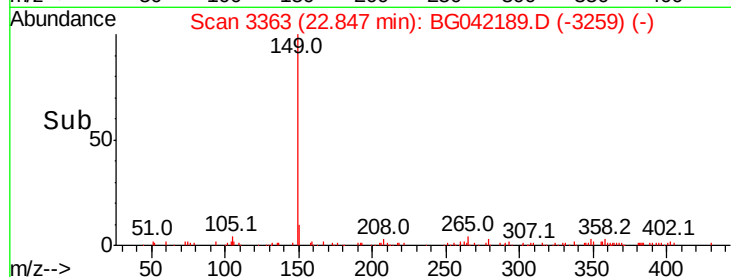
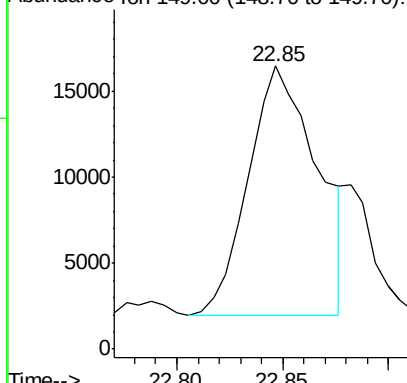
ClientSampleId :

ETOB5

Tgt Ion:149 Resp: 32896



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 1.049 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042189.D

Acq: 13 Aug 2019 20:24

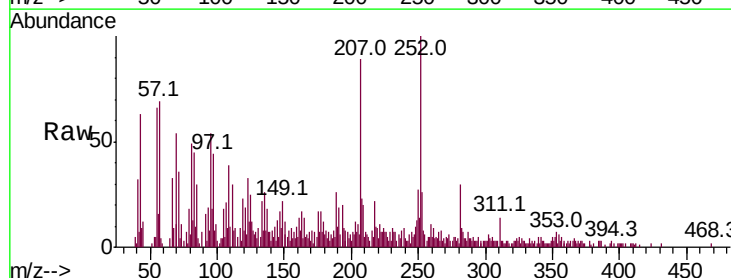
Tgt Ion:252 Resp: 32355

Ion Ratio Lower Upper

252 100

253 25.8 18.4 27.6

125 25.2 5.8 8.8#



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

