

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042214.D
 Acq On : 14 Aug 2019 17:44
 Operator : HP/JU
 Sample : K4215-08
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOB9

Quant Time: Aug 15 10:20:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	70968	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	306347	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	222339	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	453227	20.00	ng/ul	0.00
77) Chrysene-d12	21.75	240	345926	20.00	ng/ul	0.03
85) Perylene-d12	25.01	264	582006	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	7287	4.49	ng/uL	0.00
5) Phenol-d5	7.18	99	184827	33.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	116999	37.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	170916	35.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	150917	32.28	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	76951	33.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	91516	34.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	198117	36.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	141658	23.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	544941	31.60	ng/ul	0.01
46) Acenaphthylene-d8	14.38	160	626445	31.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	234	0.08	ng/ul	0.00
57) Fluorene-d10	15.68	176	497576	32.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	11392	3.92	ng/ul	0.00
70) Anthracene-d10	17.54	188	756060	34.77	ng/ul	0.00
78) Pyrene-d10	19.83	212	845346	43.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.80	264	1037128	34.11	ng/ul	0.03

Target Compounds

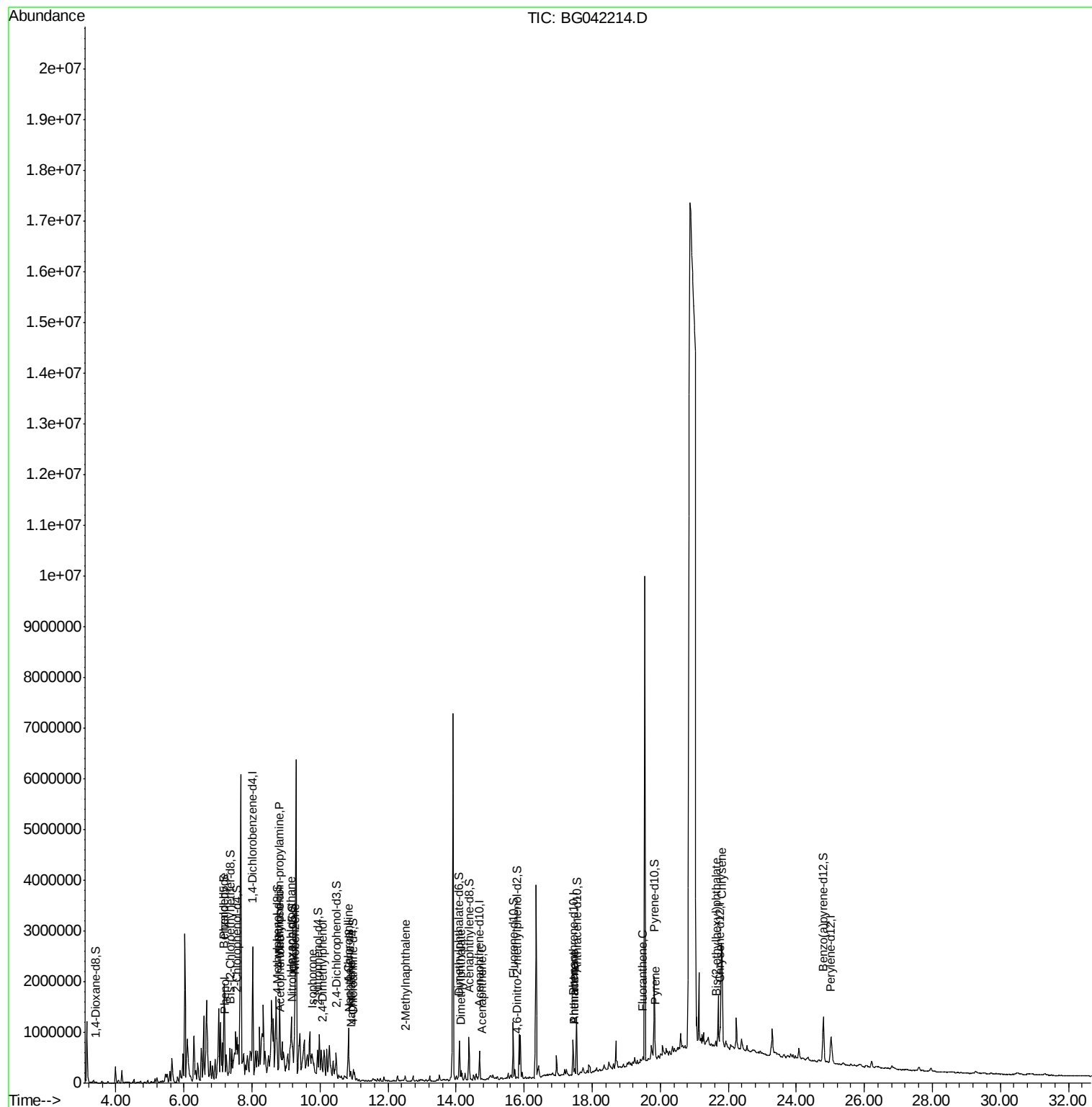
				Ovalue	
4) Benzaldehyde	7.17	77	24789	9.420	ng/ul# 1
6) Phenol	7.21	94	42630	7.415	ng/ul 97
14) Acetophenone	8.85	105	77172	10.731	ng/ul# 36
15) N-Nitroso-di-n-propylamine	8.81	70	44091	11.606	ng/ul# 54
16) 4-Methylphenol	8.80	108	20931	4.204	ng/ul 97
17) Hexachloroethane	9.15	117	26838	13.428	ng/ul# 1
20) Nitrobenzene	9.25	77	7026	1.338	ng/ul# 45
21) Isophorone	9.78	82	48393	4.621	ng/ul# 1
24) 2,4-Dimethylphenol	10.07	107	9594	1.700	ng/ul# 81
28) Naphthalene	10.90	128	109650	7.001	ng/ul 99
30) 4-Chloroaniline	10.83	127	9973	1.655	ng/ul 89
34) 2-Methylnaphthalene	12.51	142	60990	4.900	ng/ul 99
44) Dimethylphthalate	14.14	163	126376	7.381	ng/ul 99
49) Acenaphthene	14.75	153	14606	1.051	ng/ul 91
69) Phenanthrene	17.48	178	85627	3.451	ng/ul 97
71) Anthracene	17.48	178	85627	3.403	ng/ul 98
76) Fluoranthene	19.49	202	78884	2.752	ng/ul 100
79) Pyrene	19.86	202	69632	2.992	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.64	149	33435	2.676	ng/ul# 94
84) Chrysene	21.79	228	36765	1.642	ng/ul# 55

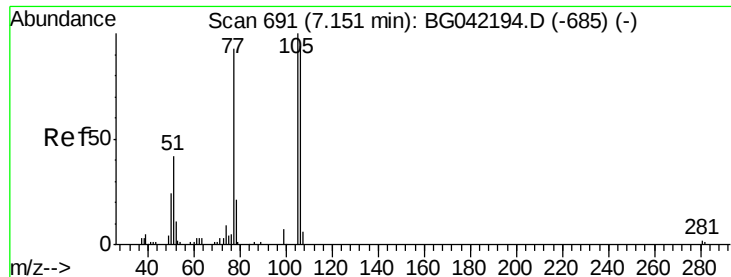
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 9.420 ng/ul

RT: 7.17 min Scan# 695

Delta R.T. 0.02 min

Lab File: BG042214.D

Acq: 14 Aug 2019 17:44

Instrument :

BNA_G

ClientSampleID :

ETOB9

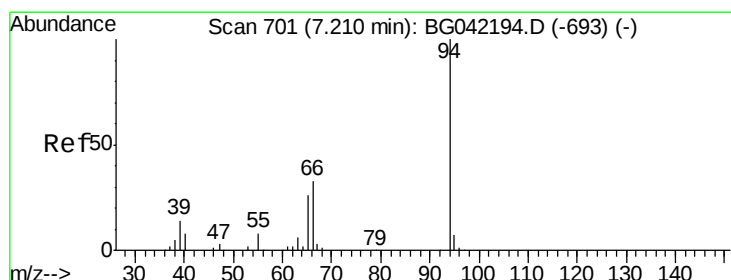
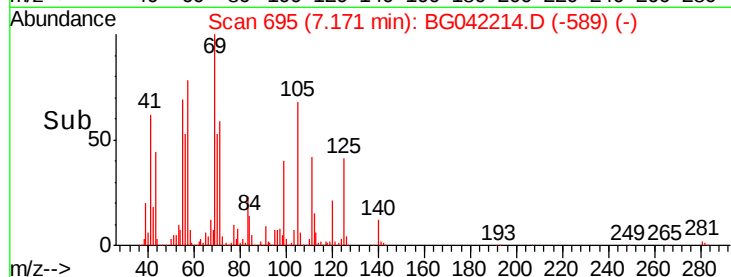
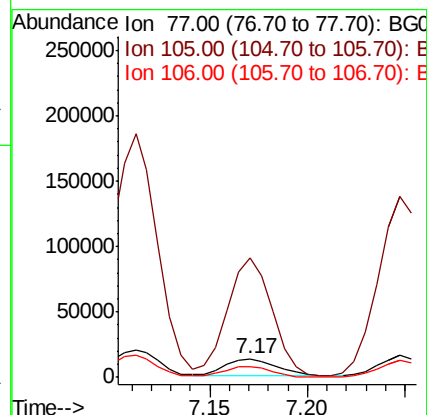
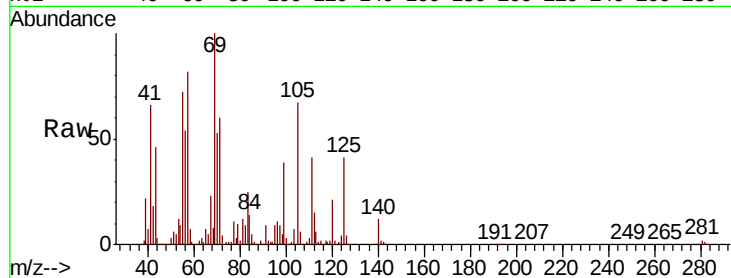
Tot Ion: 77 Resp: 24789

Ion Ratio Lower Upper

77 100

105 636.4 80.7 121.1#

106 59.5 76.3 114.5#



#6

Phenol

Concen: 7.415 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG042214.D

Acq: 14 Aug 2019 17:44

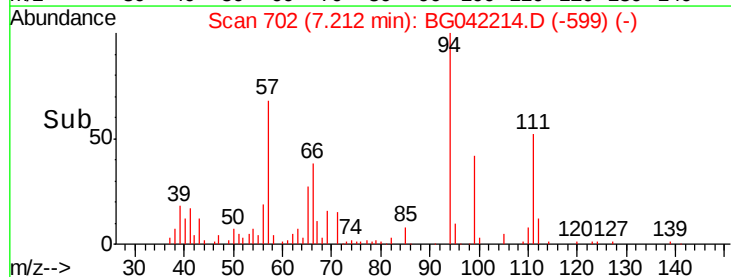
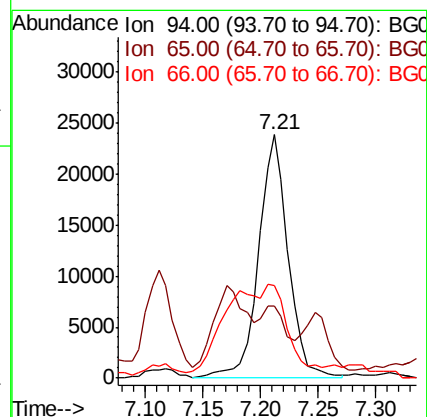
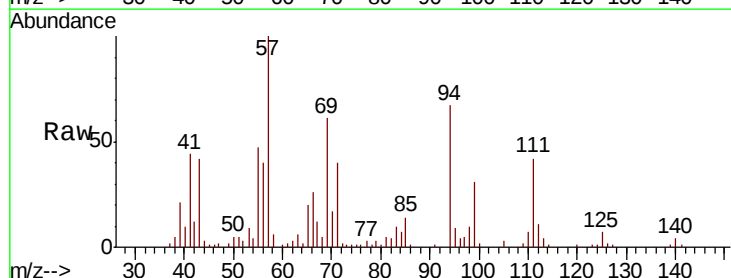
Tgt Ion: 94 Resp: 42630

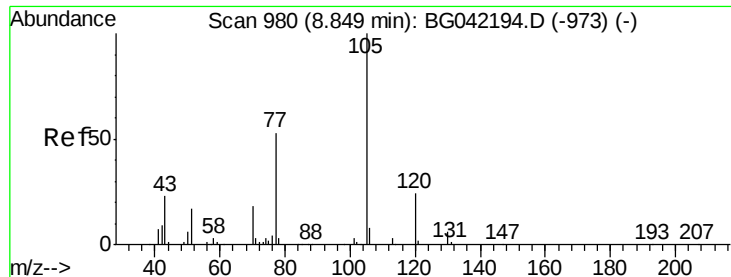
Ion Ratio Lower Upper

94 100

65 29.6 25.8 38.6

66 38.2 31.8 47.8

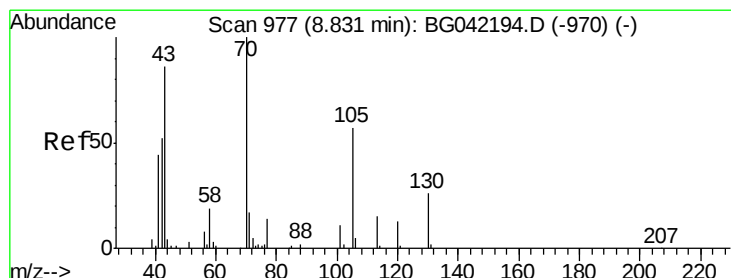
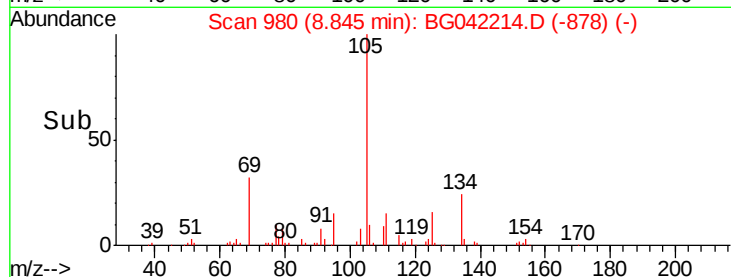
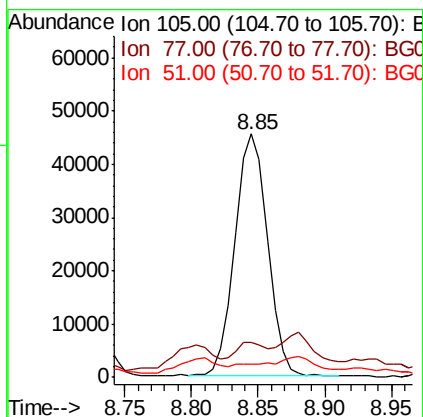
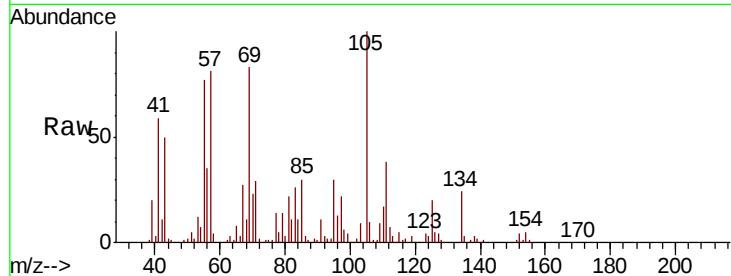




#14
Acetophenone
Concen: 10.731 ng/ul
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG042214.D
Acq: 14 Aug 2019 17:44

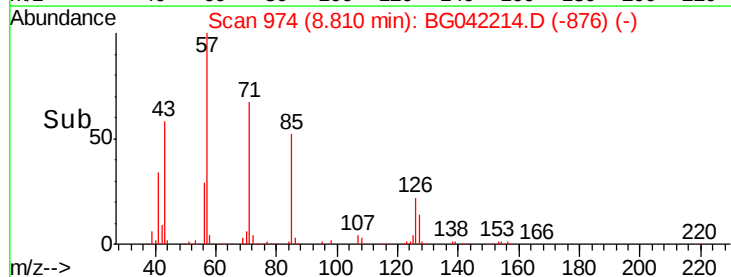
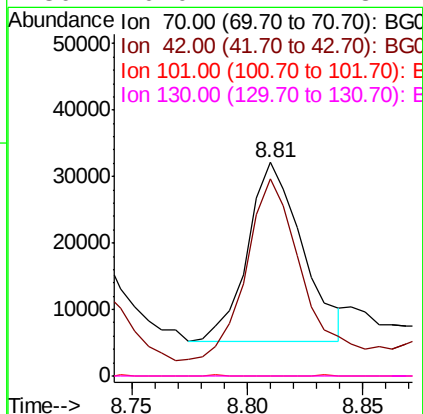
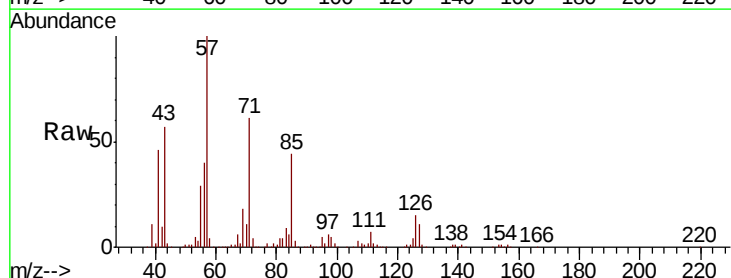
Instrument :
BNA_G
ClientSampleId :
ETOB9

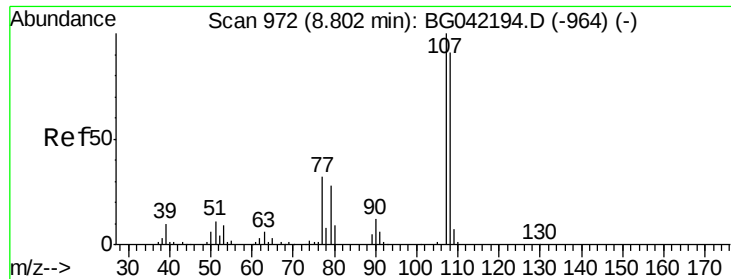
Tot Ion:105 Resp: 77172
Ion Ratio Lower Upper
105 100
77 14.3 60.0 90.0#
51 5.3 22.1 33.1#



#15
N-Nitroso-di-n-propylamine
Concen: 11.606 ng/ul
RT: 8.81 min Scan# 974
Delta R.T. -0.03 min
Lab File: BG042214.D
Acq: 14 Aug 2019 17:44

Tgt Ion: 70 Resp: 44091
Ion Ratio Lower Upper
70 100
42 92.3 46.4 69.6#
101 0.0 9.7 14.5#
130 0.0 21.1 31.7#

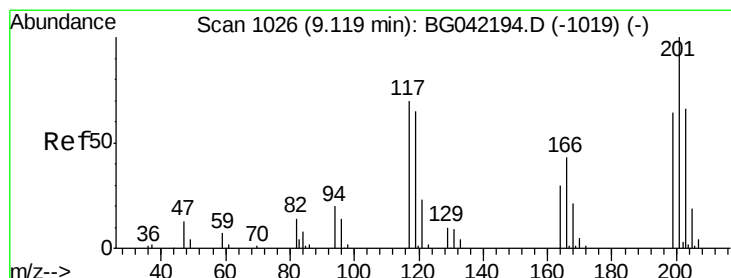
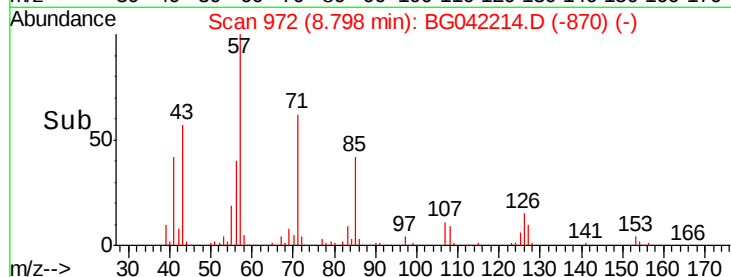
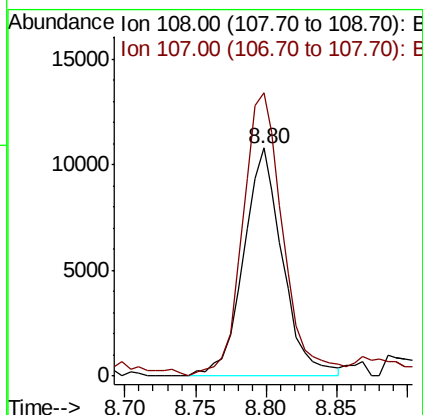
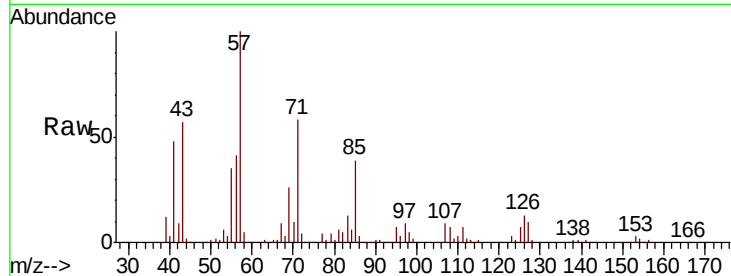




#16
4-Methylphenol
Concen: 4.204 ng/ul
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG042214.D
Acq: 14 Aug 2019 17:44

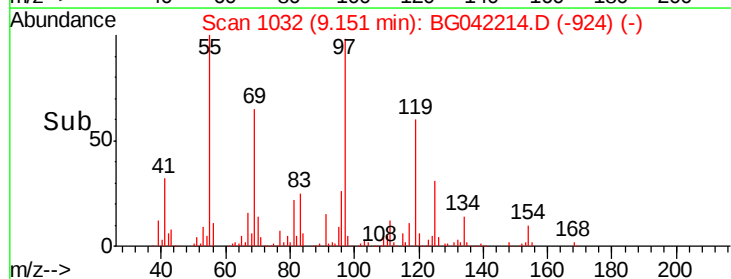
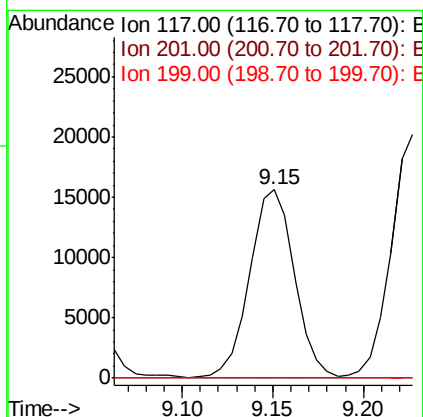
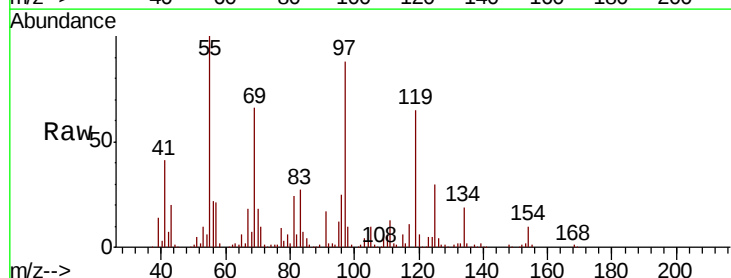
Instrument :
BNA_G
ClientSampleId :
ETOB9

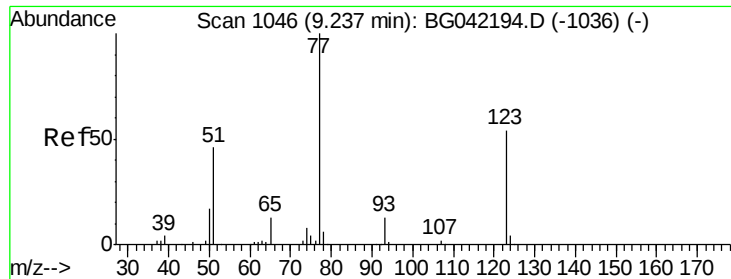
Tot Ion:108 Resp: 20931
Ion Ratio Lower Upper
108 100
107 124.0 96.2 144.2



#17
Hexachloroethane
Concen: 13.428 ng/ul
RT: 9.15 min Scan# 1032
Delta R.T. 0.03 min
Lab File: BG042214.D
Acq: 14 Aug 2019 17:44

Tgt Ion:117 Resp: 26838
Ion Ratio Lower Upper
117 100
201 0.0 103.4 155.2#
199 0.0 62.9 94.3#

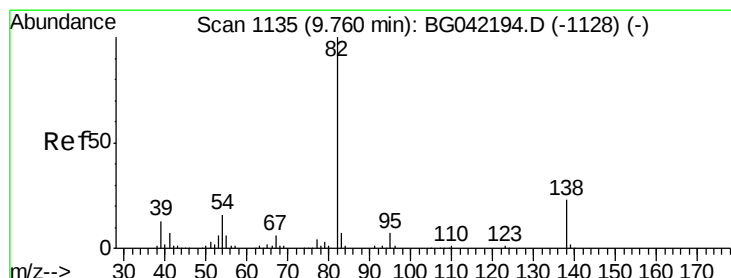
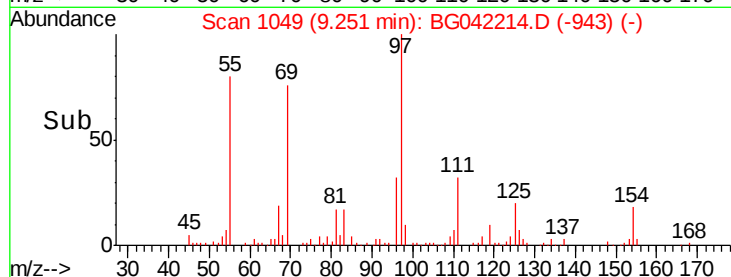
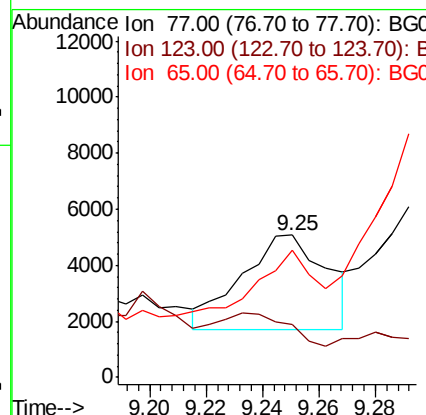
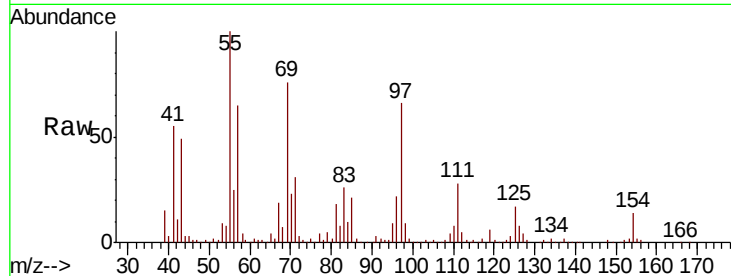




#20
 Nitrobenzene
 Concen: 1.338 ng/ul
 RT: 9.25 min Scan# 1049
 Delta R.T. 0.02 min
 Lab File: BG042214.D
 Acq: 14 Aug 2019 17:44

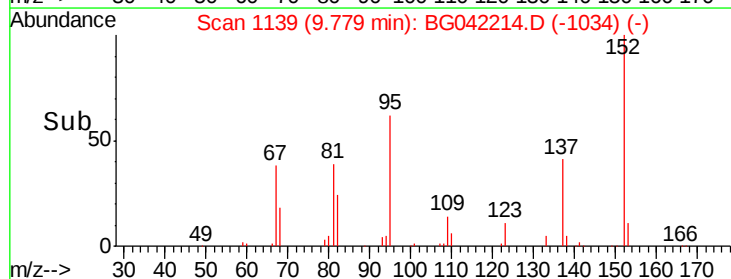
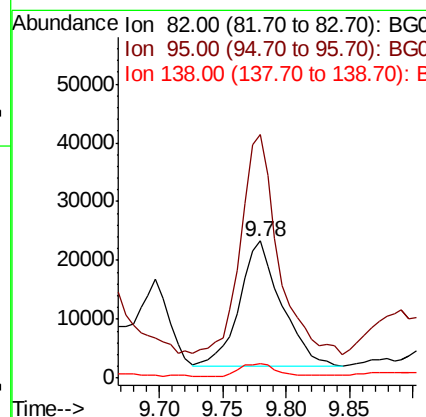
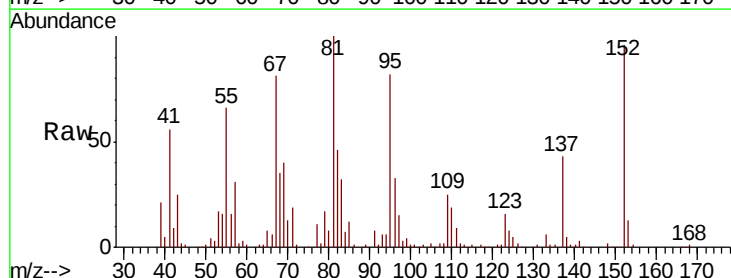
Instrument :
 BNA_G
 ClientSampled :
 ETOB9

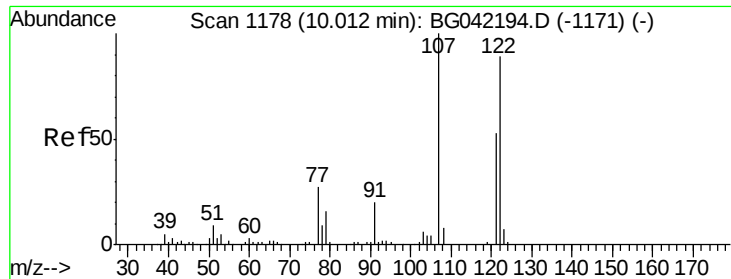
Tot Ion: 77 Resp: 7026
 Ion Ratio Lower Upper
 77 100
 123 37.3 38.3 57.5#
 65 90.0 11.6 17.4#



#21
 Isophorone
 Concen: 4.621 ng/ul
 RT: 9.78 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BG042214.D
 Acq: 14 Aug 2019 17:44

Tgt Ion: 82 Resp: 48393
 Ion Ratio Lower Upper
 82 100
 95 177.7 5.6 8.4#
 138 10.8 15.8 23.8#

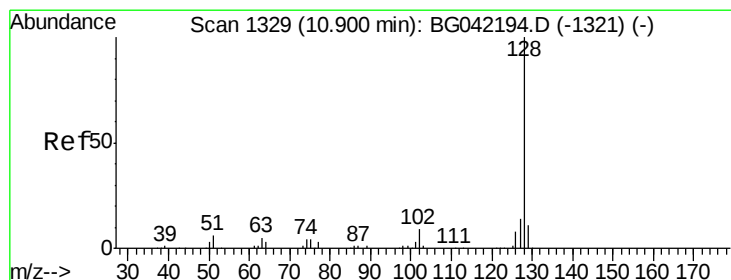
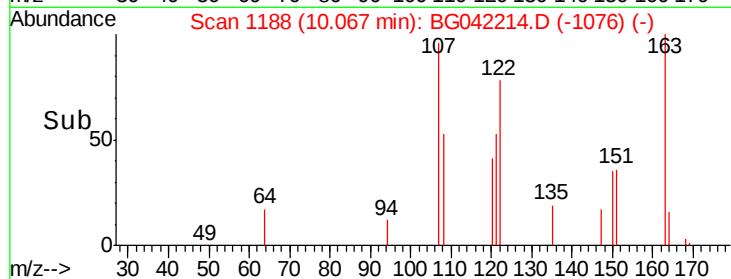
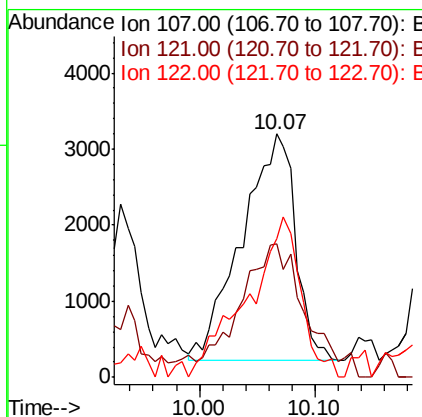
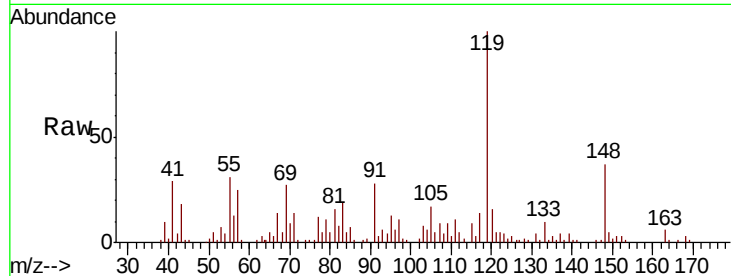




#24
2,4-Dimethylphenol
Concen: 1.700 ng/ul
RT: 10.07 min Scan# 1188
Delta R.T. 0.06 min
Lab File: BG042214.D
Acq: 14 Aug 2019 17:44

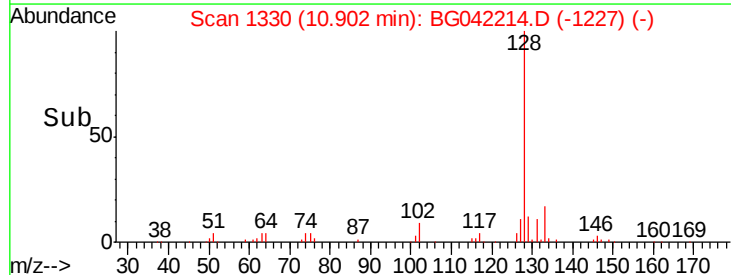
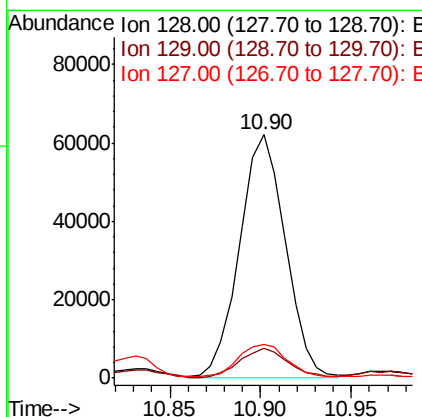
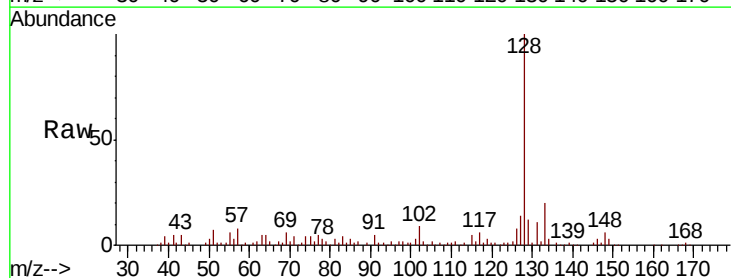
Instrument :
BNA_G
ClientSampled :
ETOB9

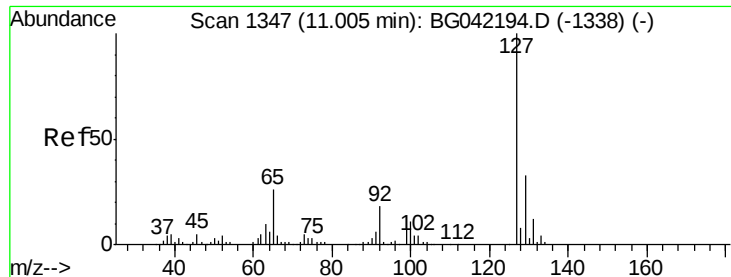
Tot Ion:107 Resp: 9594
Ion Ratio Lower Upper
107 100
121 54.8 45.0 67.6
122 56.8 68.1 102.1#



#28
Naphthalene
Concen: 7.001 ng/ul
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG042214.D
Acq: 14 Aug 2019 17:44

Tgt Ion:128 Resp: 109650
Ion Ratio Lower Upper
128 100
129 12.5 9.5 14.3
127 14.0 11.4 17.0

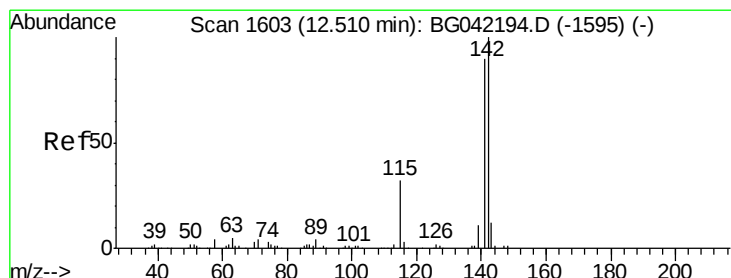
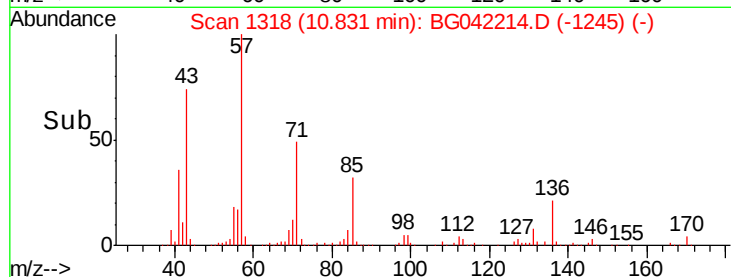
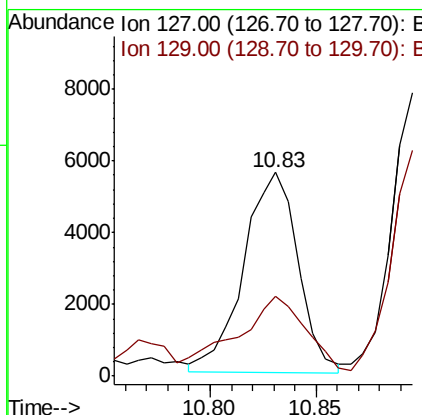
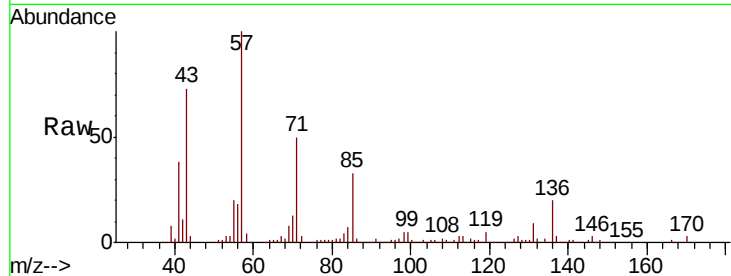




#30
4-Chloroaniline
Concen: 1.655 ng/ul
RT: 10.83 min Scan# 1318
Delta R.T. -0.17 min
Lab File: BG042214.D
Acq: 14 Aug 2019 17:44

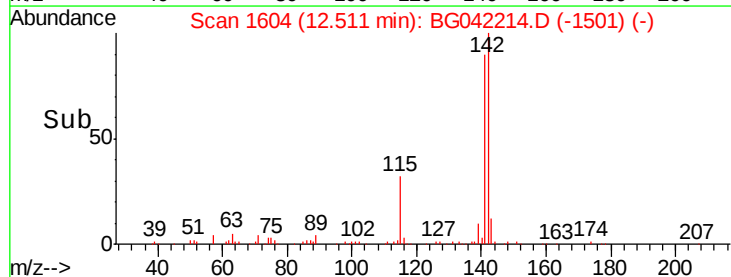
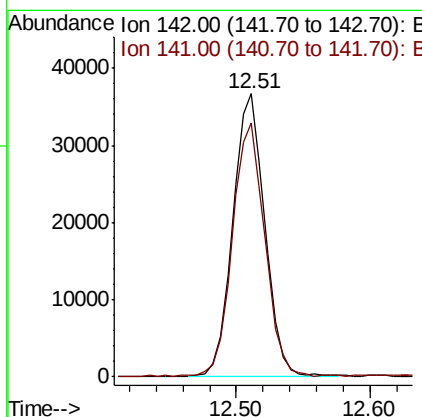
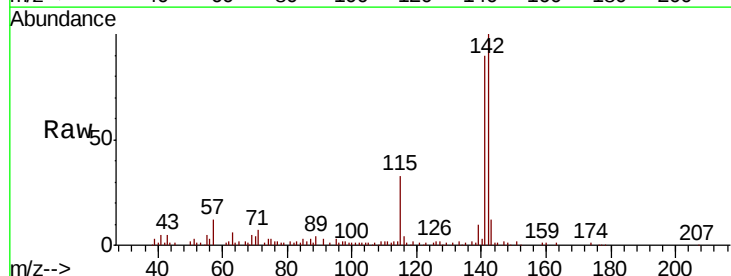
Instrument :
BNA_G
ClientSampleId :
ETOB9

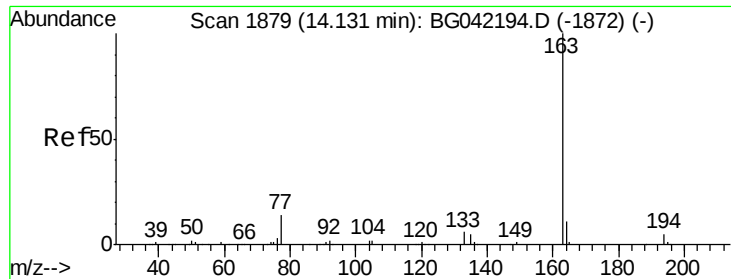
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Ion Ratio Lower Upper
127 100
129 39.1 26.5 39.7



#34
2-Methylnaphthalene
Concen: 4.900 ng/ul
RT: 12.51 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BG042214.D
Acq: 14 Aug 2019 17:44

Tgt Ion:142 Resp: 60990
Ion Ratio Lower Upper
142 100
141 89.9 72.9 109.3

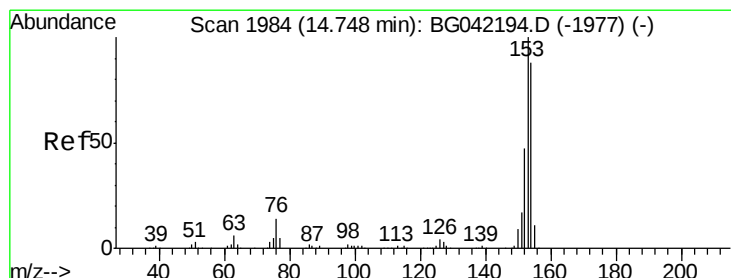
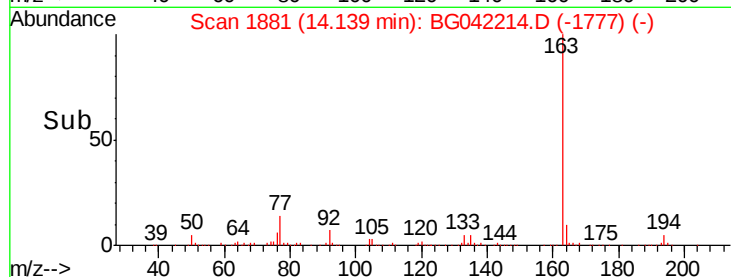
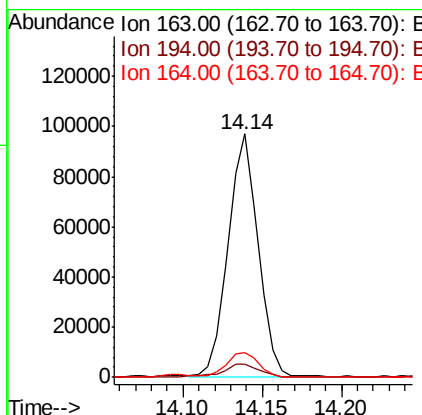
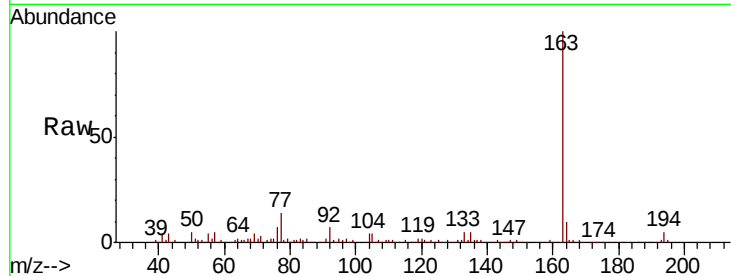




#44
Dimethylphthalate
Concen: 7.381 ng/ul
RT: 14.14 min Scan# 1881
Delta R.T. 0.01 min
Lab File: BG042214.D
Acq: 14 Aug 2019 17:44

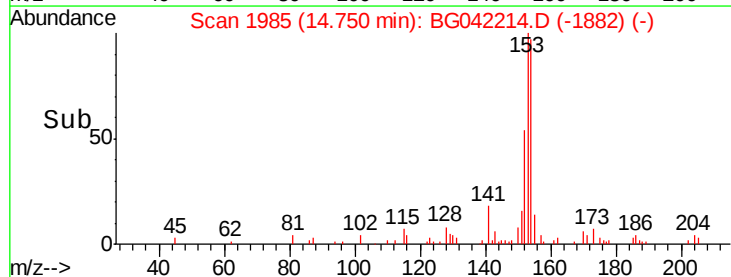
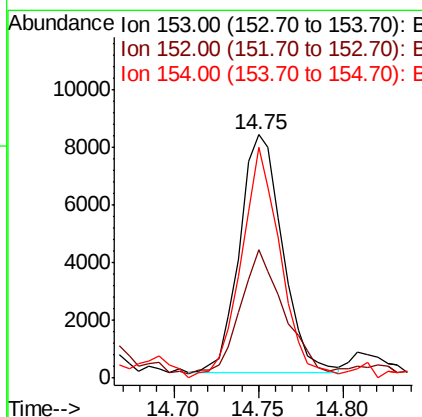
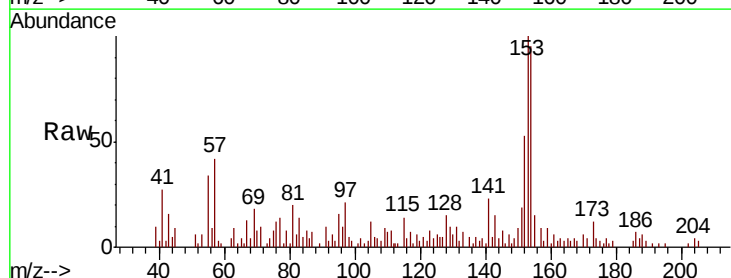
Instrument :
BNA_G
ClientSampleId :
ETO9

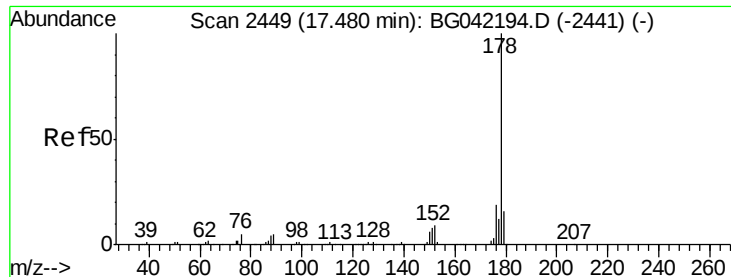
Tot Ion:163 Resp: 126376
Ion Ratio Lower Upper
163 100
194 5.4 4.2 6.2
164 10.4 7.8 11.8



#49
Acenaphthene
Concen: 1.051 ng/ul
RT: 14.75 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG042214.D
Acq: 14 Aug 2019 17:44

Tgt Ion:153 Resp: 14606
Ion Ratio Lower Upper
153 100
152 53.0 37.8 56.8
154 94.7 69.4 104.2





#69

Phenanthrene

Concen: 3.451 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG042214.D

Acq: 14 Aug 2019 17:44

Instrument :

BNA_G

ClientSampleId :

ETOB9

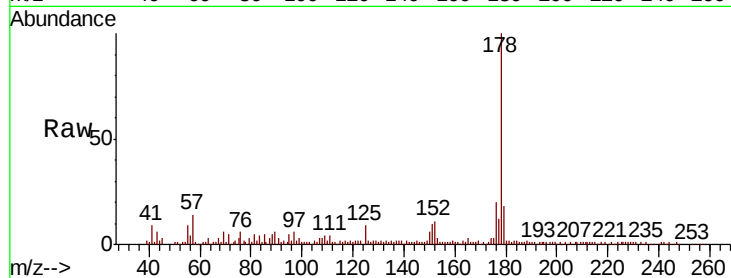
Tot Ion:178 Resp: 85627

Ion Ratio Lower Upper

178 100

179 18.4 12.8 19.2

176 19.8 15.4 23.2

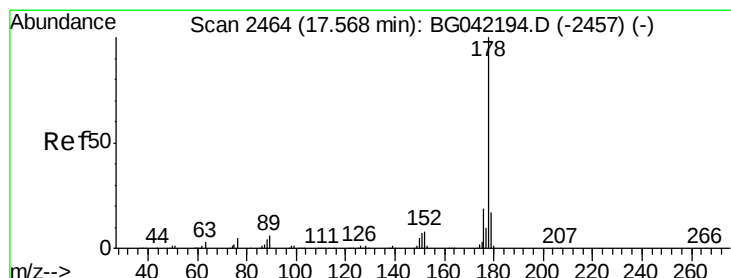
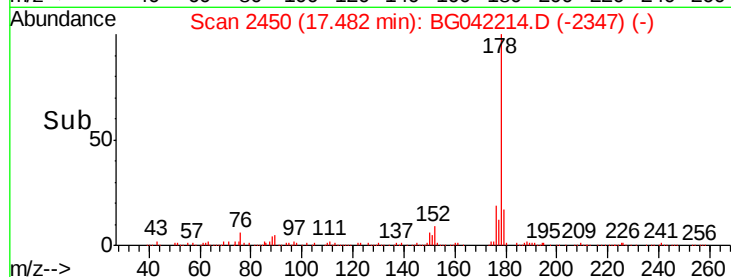
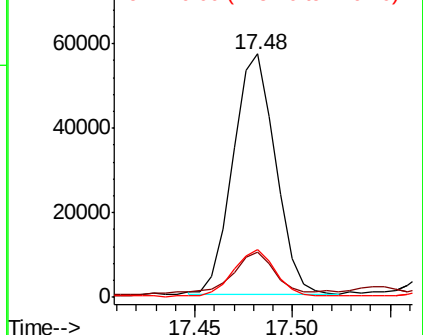


Abundance

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: 3.403 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. -0.09 min

Lab File: BG042214.D

Acq: 14 Aug 2019 17:44

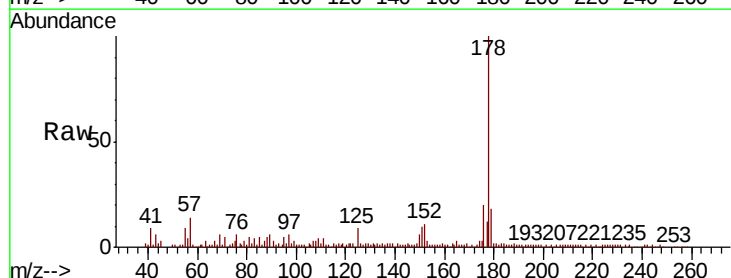
Tgt Ion:178 Resp: 85627

Ion Ratio Lower Upper

178 100

179 18.4 13.4 20.0

176 19.8 15.4 23.2

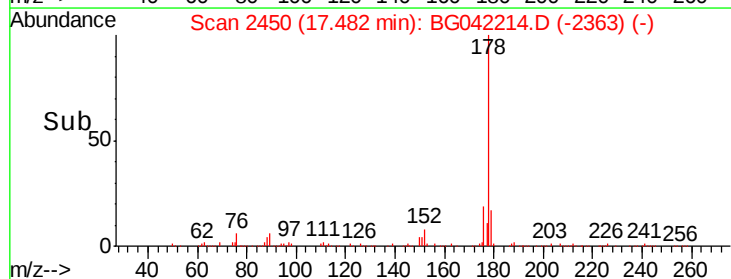
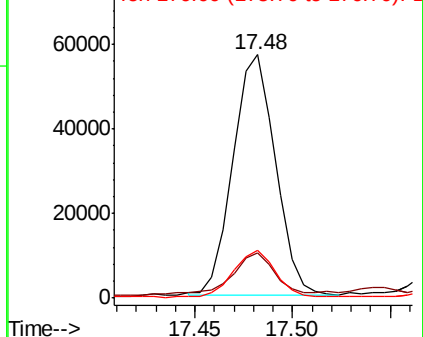


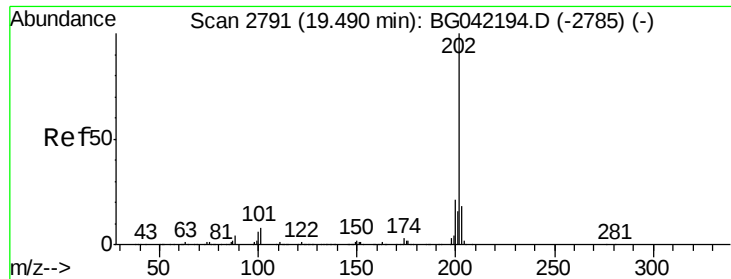
Abundance

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





#76

Fluoranthene

Concen: 2.752 ng/ul

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG042214.D

Acq: 14 Aug 2019 17:44

Instrument :

BNA_G

ClientSampleId :

ETOB9

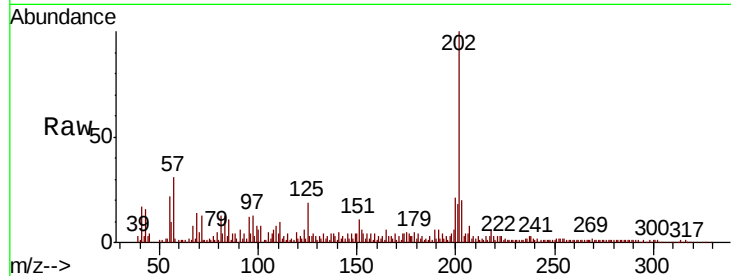
Tot Ion:202 Resp: 78884

Ion Ratio Lower Upper

202 100

101 8.4 6.7 10.1

100 6.3 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

400000

300000

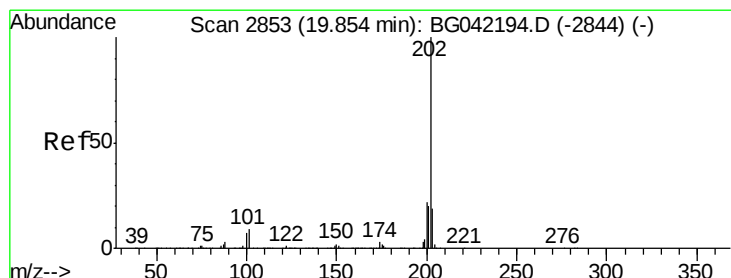
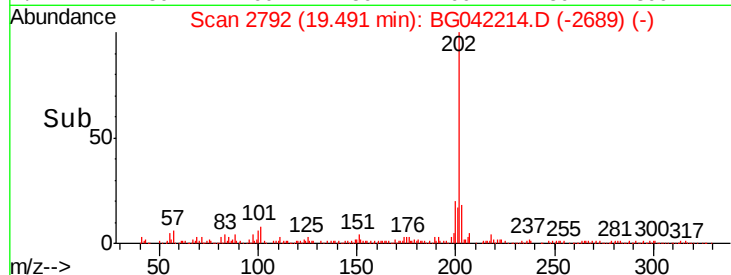
200000

100000

0

19.45 19.50 19.55

Time-->



#79

Pyrene

Concen: 2.992 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG042214.D

Acq: 14 Aug 2019 17:44

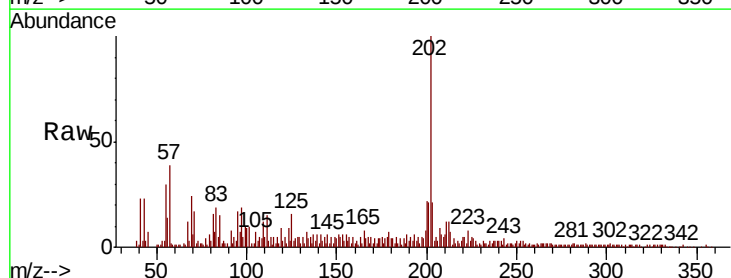
Tgt Ion:202 Resp: 69632

Ion Ratio Lower Upper

202 100

101 9.8 7.6 11.4

100 9.2 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

60000

50000

40000

30000

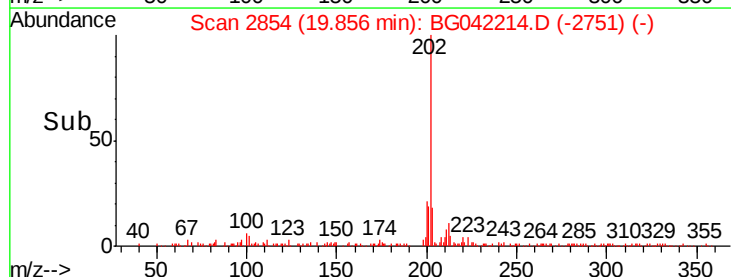
20000

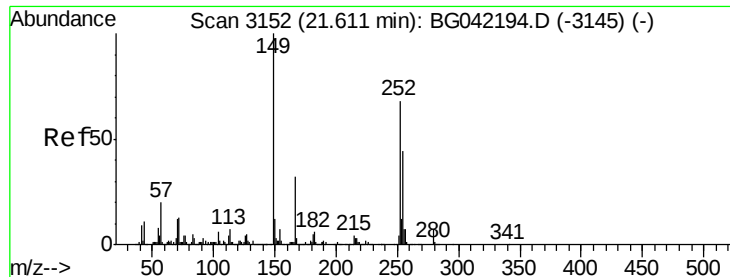
10000

0

19.75 19.80 19.85 19.90

Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.676 ng/ul

RT: 21.64 min Scan# 3157

Delta R.T. 0.03 min

Lab File: BG042214.D

Acq: 14 Aug 2019 17:44

Instrument :

BNA_G

ClientSampleId :

ETOB9

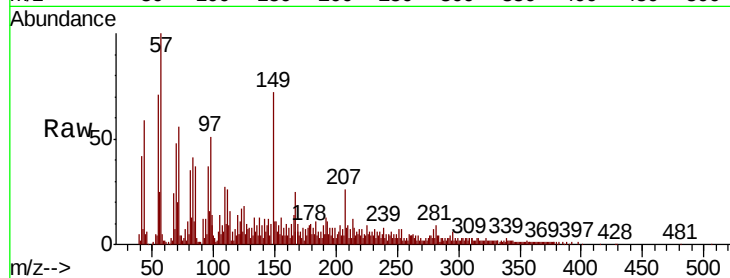
Tot Ion:149 Resp: 33435

Ion Ratio Lower Upper

149 100

167 34.5 25.0 37.4

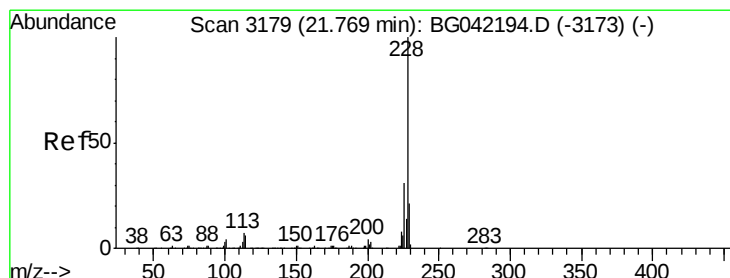
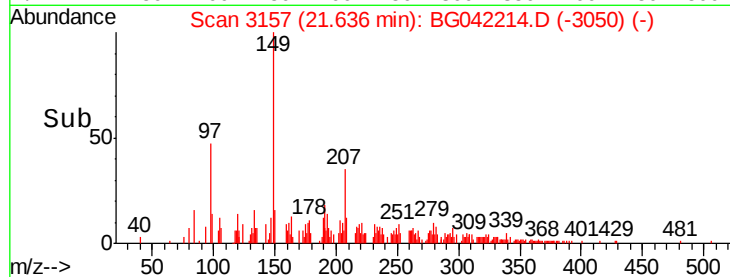
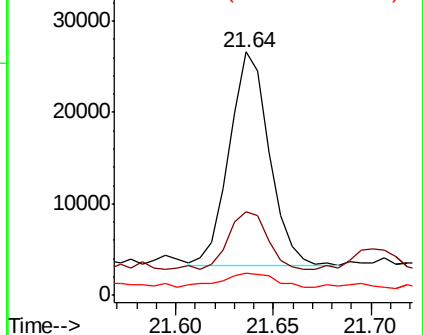
279 9.3 5.2 7.8#



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: 1.642 ng/ul

RT: 21.79 min Scan# 3184

Delta R.T. 0.03 min

Lab File: BG042214.D

Acq: 14 Aug 2019 17:44

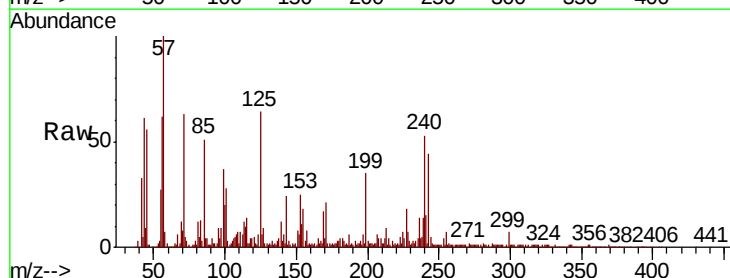
Tgt Ion:228 Resp: 36765

Ion Ratio Lower Upper

228 100

226 59.4 25.7 38.5#

229 39.1 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

