

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042182.D
 Acq On : 13 Aug 2019 15:54
 Operator : HP/JU
 Sample : K4215-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOB6

Quant Time: Aug 14 05:02:58 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	8.02	152	70934	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	290462	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	197786	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	396143	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	411113	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	484424	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	5334	3.29	ng/uL	0.00
5) Phenol-d5	7.18	99	134454	24.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	64134	20.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	120762	25.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	115367	24.68	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	60030	27.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	74462	29.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	143699	28.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	126416	22.23	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	428196	27.91	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	502550	28.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	49057	19.05	ng/ul	0.00
57) Fluorene-d10	15.68	176	381876	27.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	50979	20.06	ng/ul	0.00
70) Anthracene-d10	17.54	188	571343	30.06	ng/ul	0.00
78) Pyrene-d10	19.83	212	646086	28.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	755651	29.86	ng/ul	0.00

Target Compounds

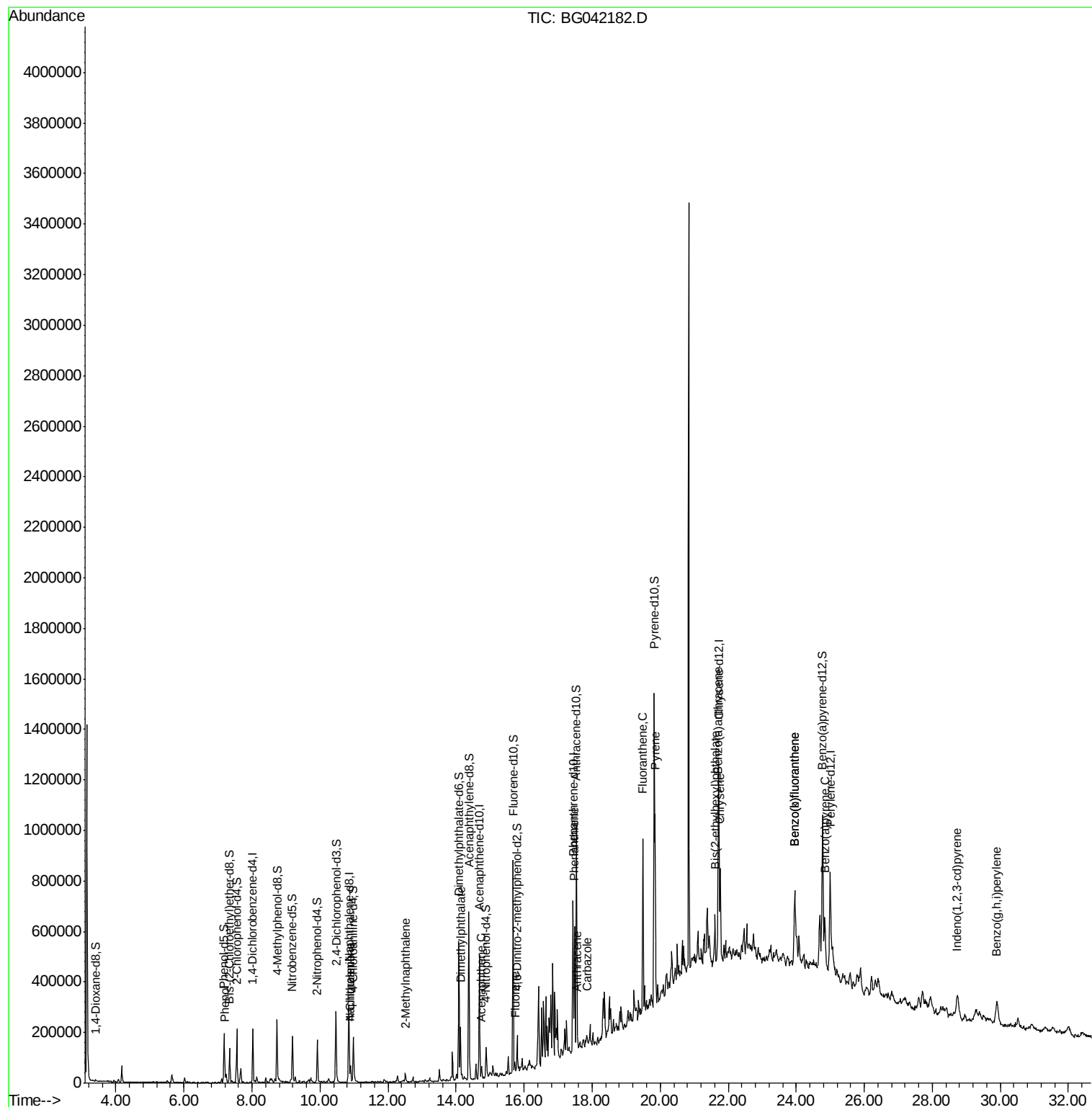
				Ovalue	
6) Phenol	7.21	94	14303	2.489	ng/ul 99
28) Naphthalene	10.90	128	57479	3.871	ng/ul 98
30) 4-Chloroaniline	10.90	127	7850	1.374	ng/ul# 38
34) 2-Methylnaphthalene	12.51	142	18206	1.543	ng/ul 96
44) Dimethylphthalate	14.13	163	150091	9.854	ng/ul 98
49) Acenaphthene	14.74	153	21239	1.717	ng/ul 94
58) Fluorene	15.73	166	18790	1.264	ng/ul# 93
69) Phenanthrene	17.48	178	354034	16.325	ng/ul 99
71) Anthracene	17.57	178	38565	1.753	ng/ul 99
74) Carbazole	17.83	167	18479	1.014	ng/ul# 89
76) Fluoranthene	19.49	202	461419	18.414	ng/ul 96
79) Pyrene	19.86	202	524158	18.954	ng/ul 96
82) Benzo(a)anthracene	21.70	228	236213	8.287	ng/ul 96
83) Bis(2-ethylhexyl)phthalate	21.61	149	93256	6.279	ng/ul 99
84) Chrysene	21.77	228	308416	11.593	ng/ul 96
87) Benzo(b)fluoranthene	23.96	252	358284	11.786	ng/ul 99
88) Benzo(k)fluoranthene	23.96	252	358284	12.258	ng/ul 99
90) Benzo(a)pyrene	24.84	252	260038	8.976	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	28.73	276	171183	5.066	ng/ul 98
93) Benzo(g,h,i)perylene	29.90	276	106351	3.770	ng/ul 99

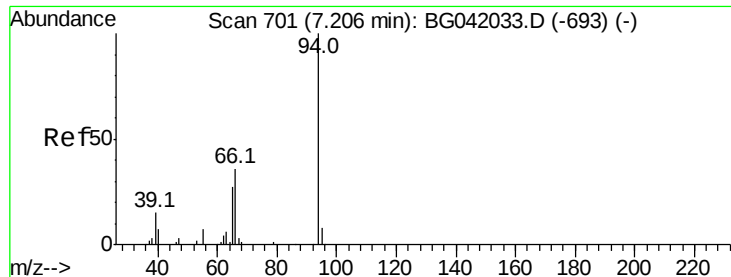
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042182.D
Acq On : 13 Aug 2019 15:54
Operator : HP/JU
Sample : K4215-05
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOB6

Quant Time: Aug 14 05:02:58 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





#6

Phenol

Concen: 2.489 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG042182.D

Acq: 13 Aug 2019 15:54

Instrument :

BNA_G

ClientSampled :

ETOB6

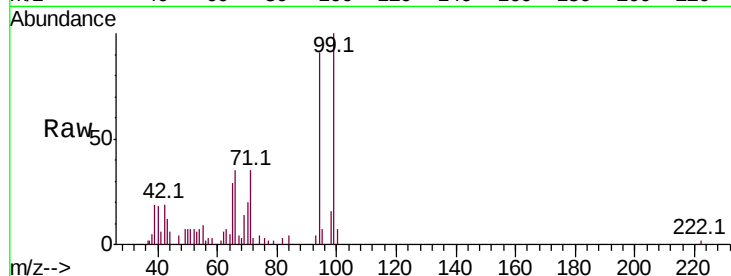
Tot Ion: 94 Resp: 14303

Ion Ratio Lower Upper

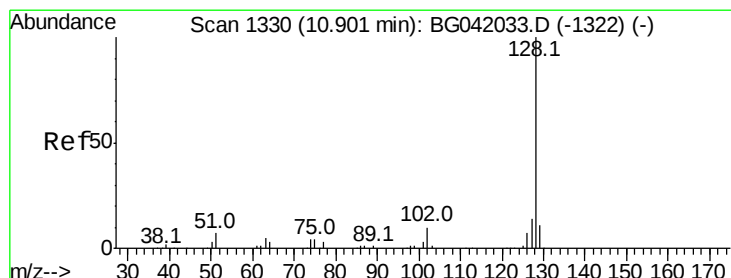
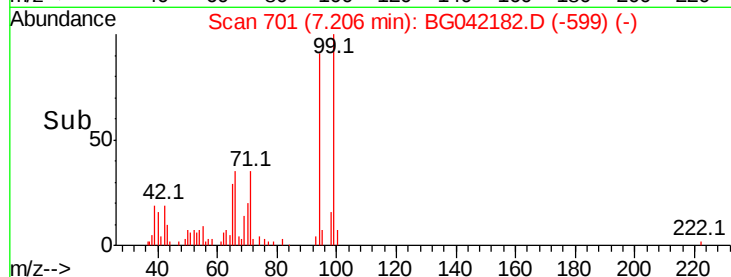
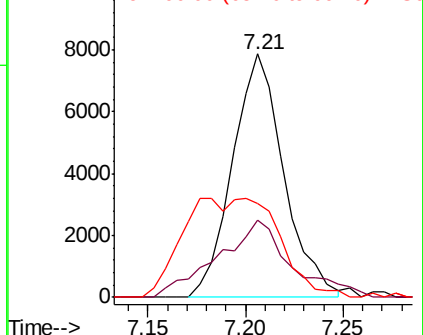
94 100

65 31.6 25.8 38.6

66 38.8 31.8 47.8



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



#28

Naphthalene

Concen: 3.871 ng/ul

RT: 10.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BG042182.D

Acq: 13 Aug 2019 15:54

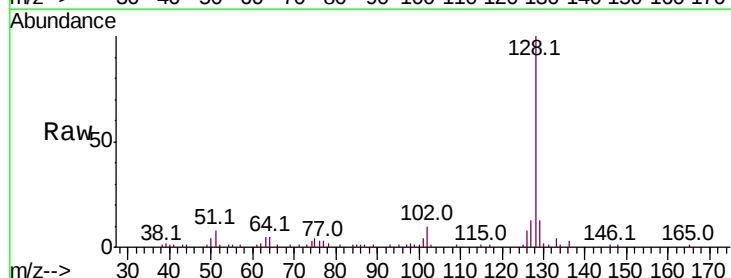
Tgt Ion: 128 Resp: 57479

Ion Ratio Lower Upper

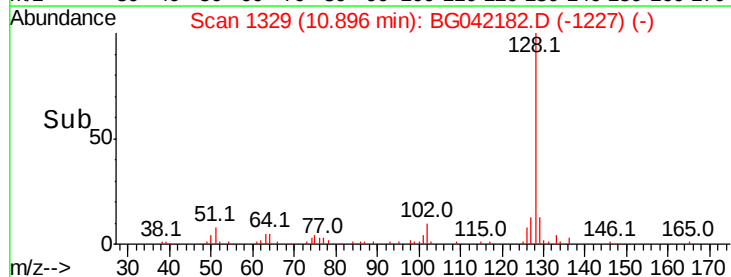
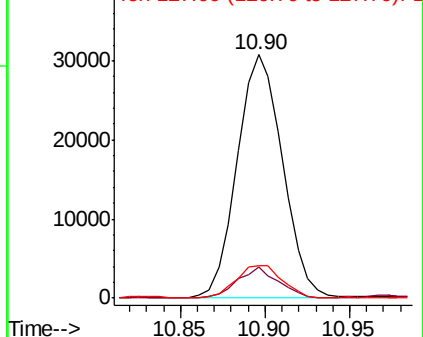
128 100

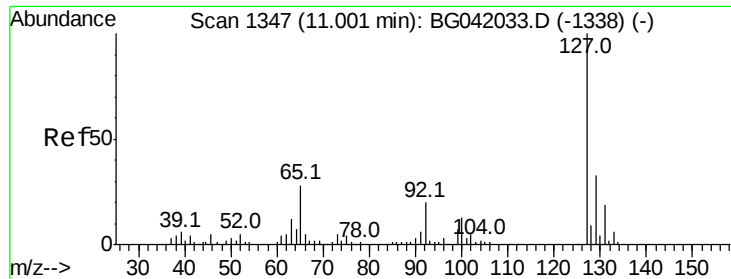
129 12.6 9.5 14.3

127 13.2 11.4 17.0



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

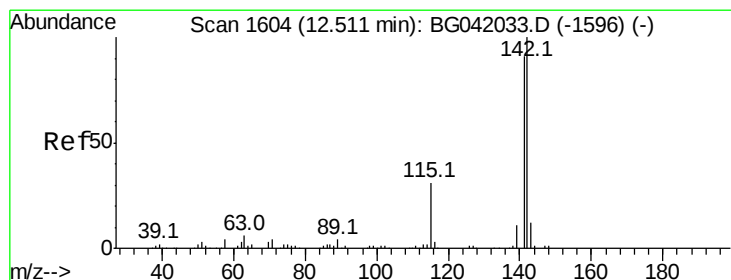
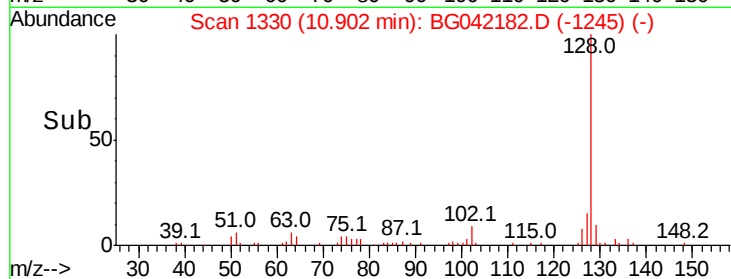
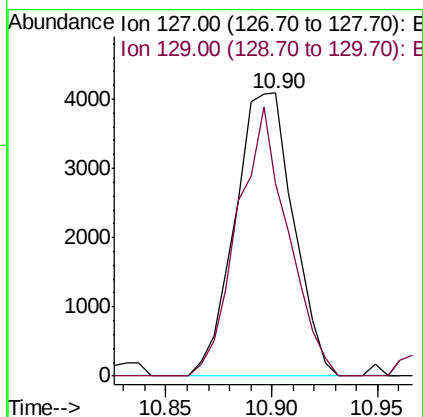
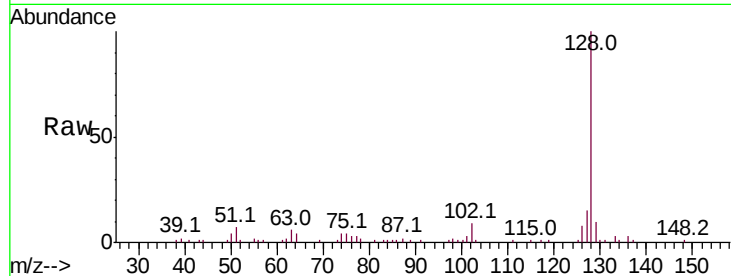




#30
 4-Chloroaniline
 Concen: 1.374 ng/ul
 RT: 10.90 min Scan# 1330
 Delta R.T. -0.10 min
 Lab File: BG042182.D
 Acq: 13 Aug 2019 15:54

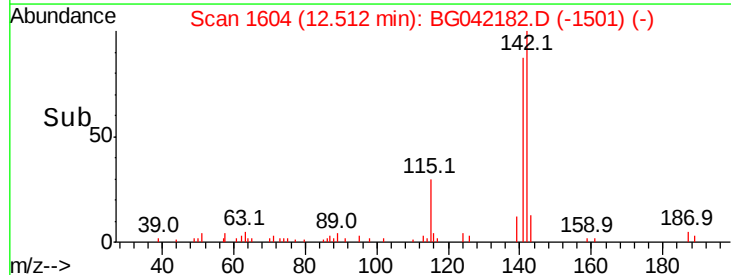
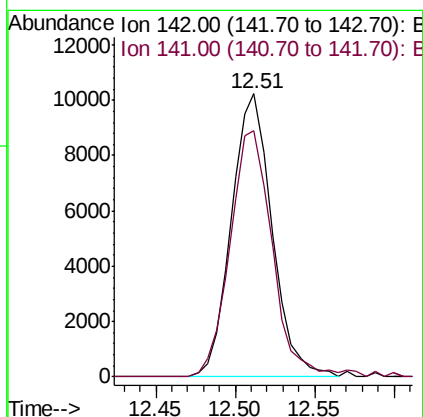
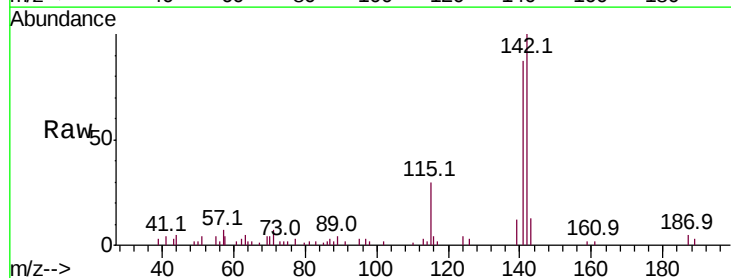
Instrument :
 BNA_G
 ClientSampleId :
 ETOB6

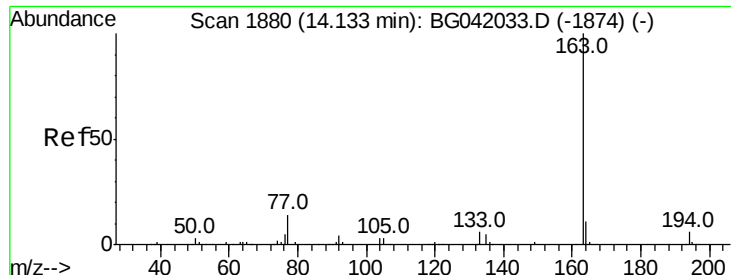
Tot Ion:127 Resp: 7850
 Ion Ratio Lower Upper
 127 100
 129 68.2 26.5 39.7#



#34
 2-Methylnaphthalene
 Concen: 1.543 ng/ul
 RT: 12.51 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BG042182.D
 Acq: 13 Aug 2019 15:54

Tgt Ion:142 Resp: 18206
 Ion Ratio Lower Upper
 142 100
 141 86.9 72.9 109.3

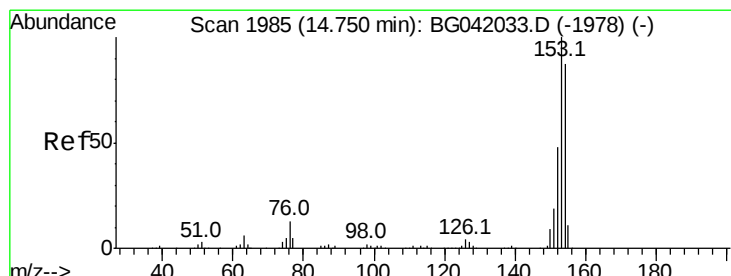
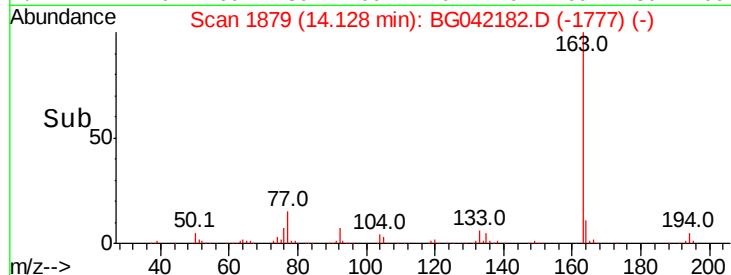
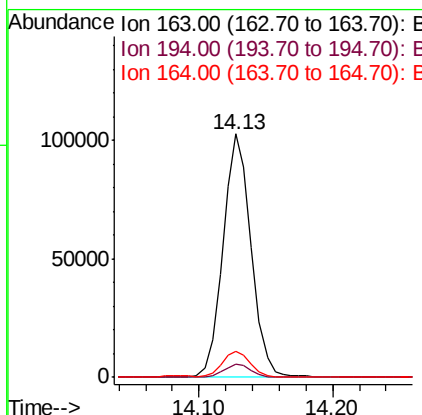
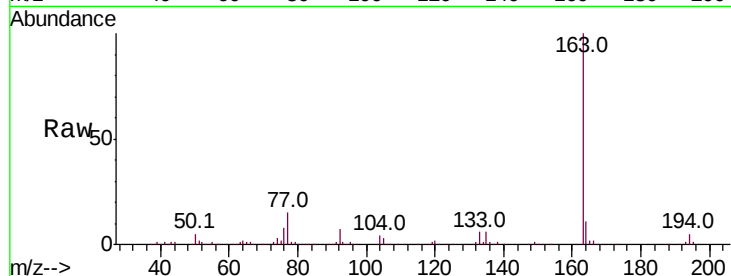




#44
Dimethylphthalate
Concen: 9.854 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042182.D
Acq: 13 Aug 2019 15:54

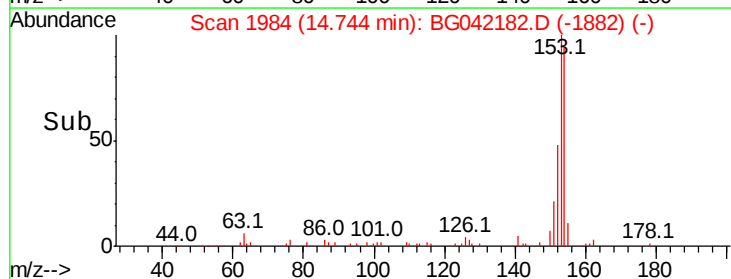
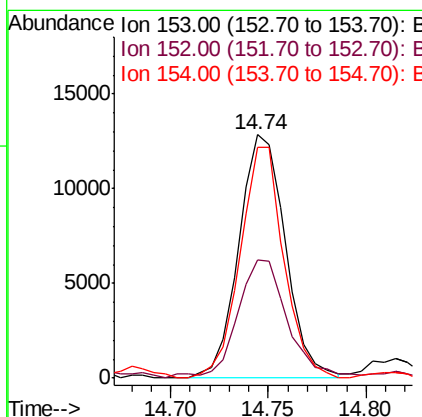
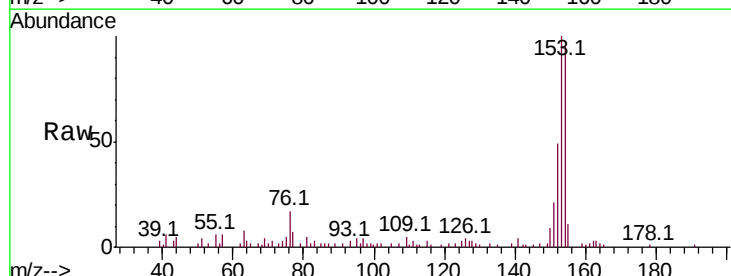
Instrument :
BNA_G
ClientSampleId :
ETOB6

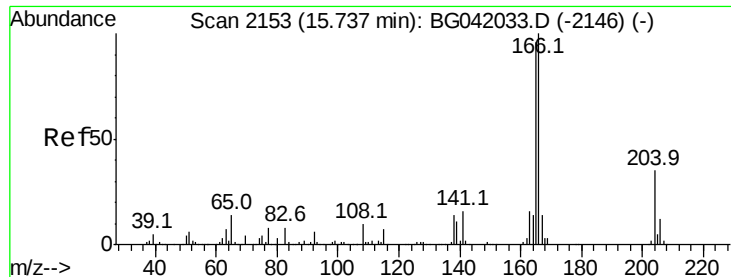
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.2	6.2
164	10.9	7.8	11.8



#49
Acenaphthene
Concen: 1.717 ng/ul
RT: 14.74 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG042182.D
Acq: 13 Aug 2019 15:54

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.8	56.8
154	94.7	69.4	104.2





#58

Fluorene

Concen: 1.264 ng/ul

RT: 15.73 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG042182.D

Acq: 13 Aug 2019 15:54

Instrument :

BNA_G

ClientSampleId :

ETOB6

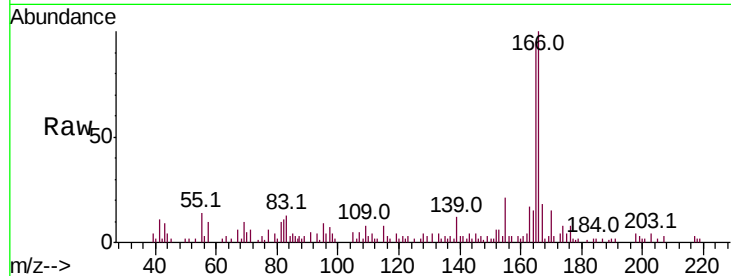
Tot Ion:166 Resp: 18790

Ion Ratio Lower Upper

166 100

165 95.1 81.1 121.7

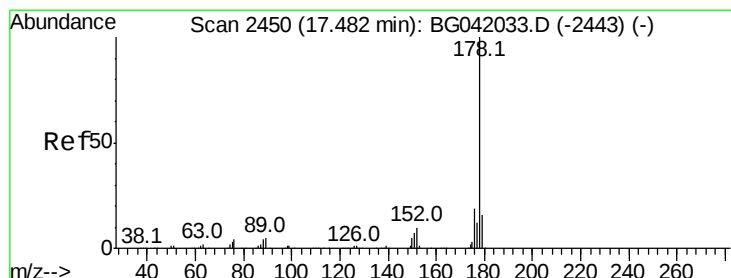
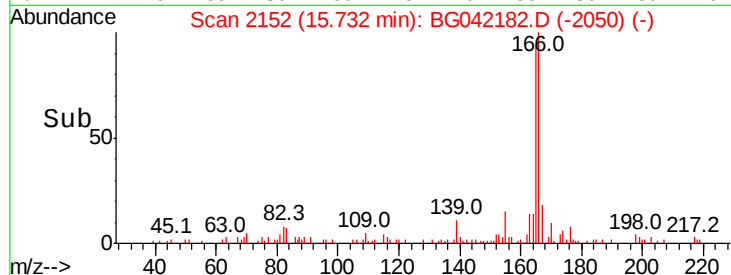
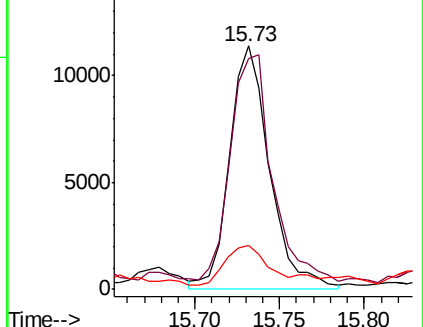
167 17.9 11.0 16.4#



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



#69

Phenanthrene

Concen: 16.325 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042182.D

Acq: 13 Aug 2019 15:54

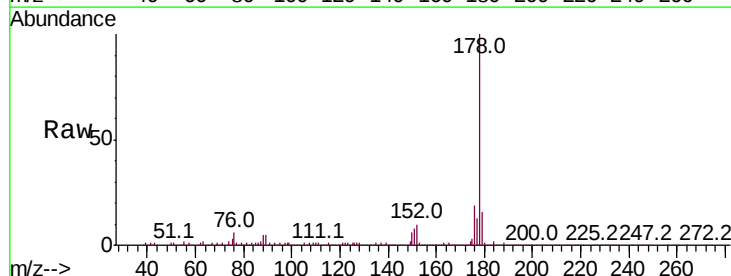
Tgt Ion:178 Resp: 354034

Ion Ratio Lower Upper

178 100

179 16.4 12.8 19.2

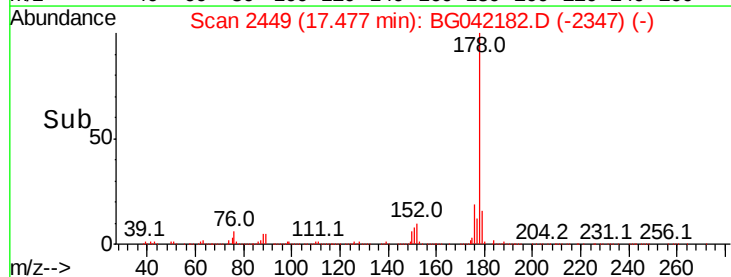
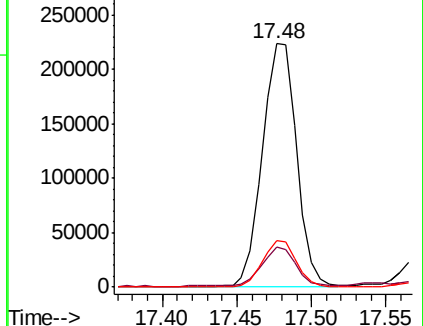
176 19.0 15.4 23.2

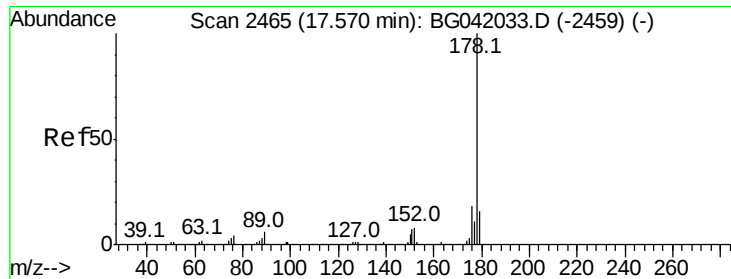


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

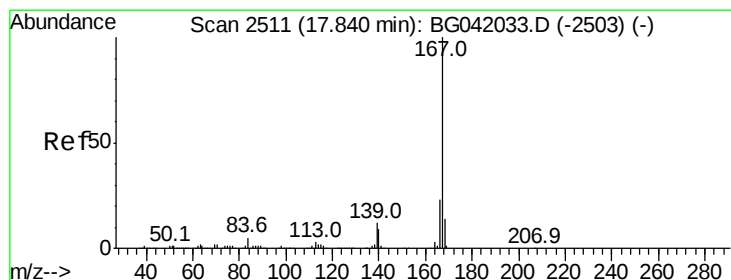
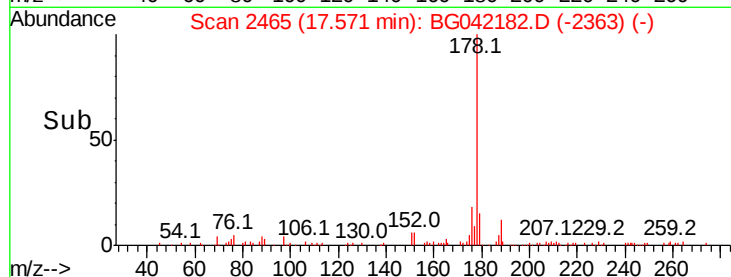
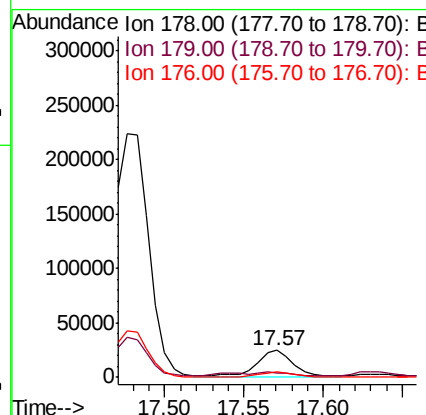
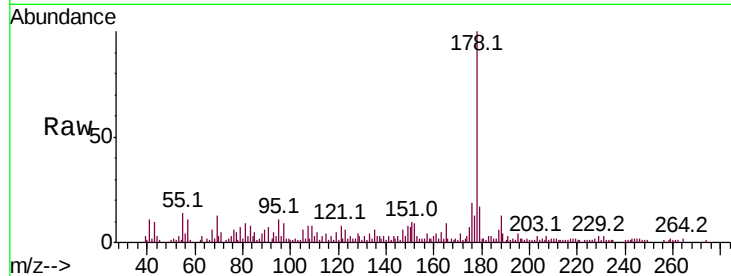




#71
 Anthracene
 Concen: 1.753 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG042182.D
 Acq: 13 Aug 2019 15:54

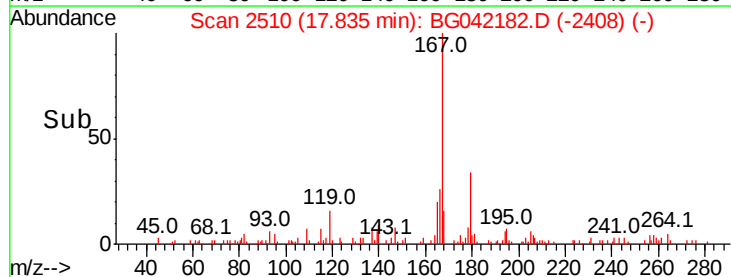
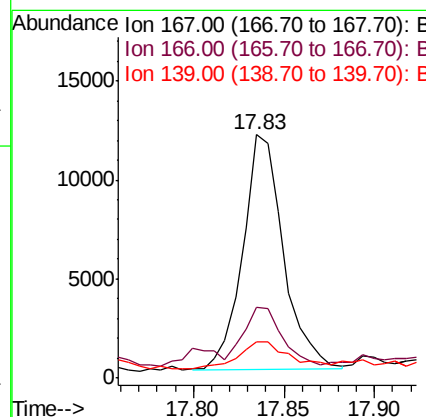
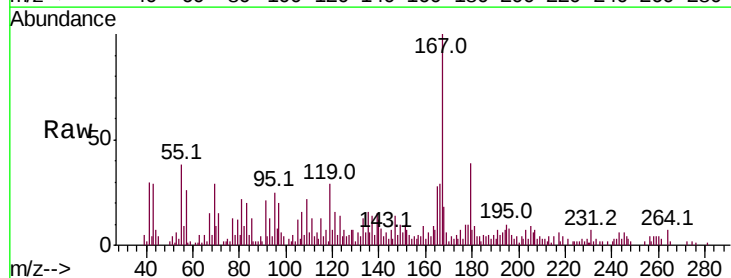
Instrument :
 BNA_G
 ClientSampleId :
 ETOB6

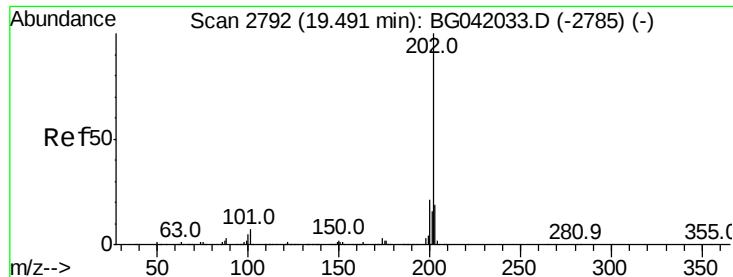
Tot Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.4	20.0
176	18.7	15.4	23.2



#74
 Carbazole
 Concen: 1.014 ng/ul
 RT: 17.83 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG042182.D
 Acq: 13 Aug 2019 15:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	29.0	18.2	27.4#
139	15.1	9.6	14.4#

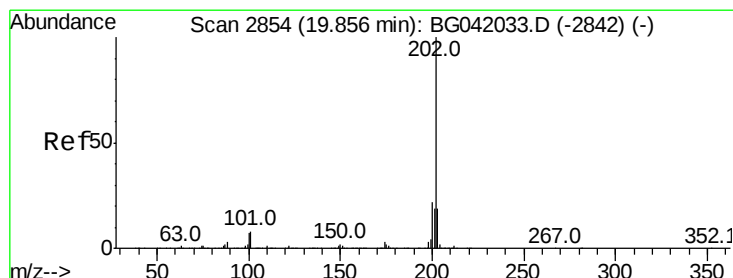
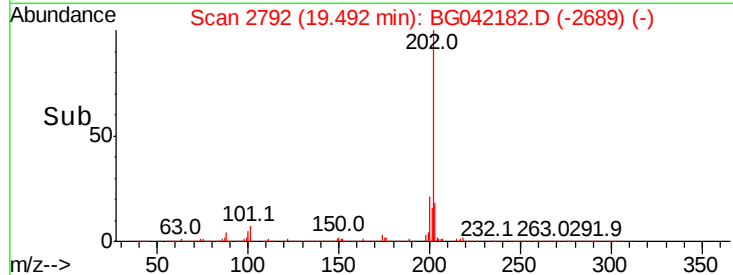
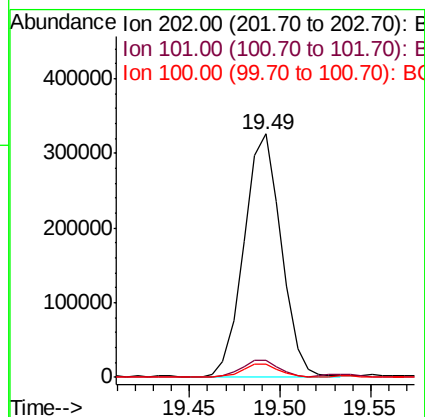
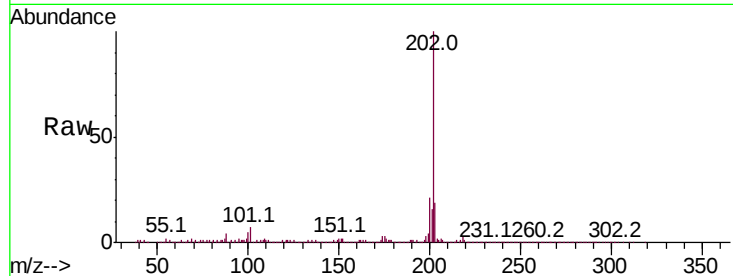




#76
 Fluoranthene
 Concen: 18.414 ng/ul
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG042182.D
 Acq: 13 Aug 2019 15:54

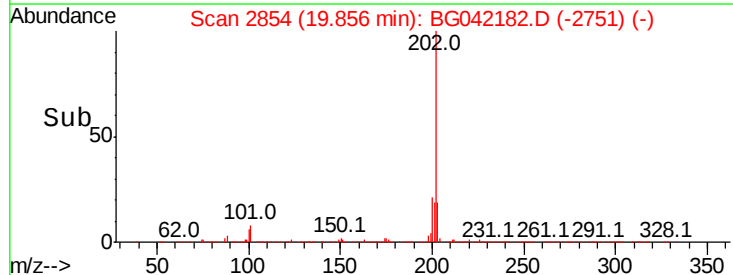
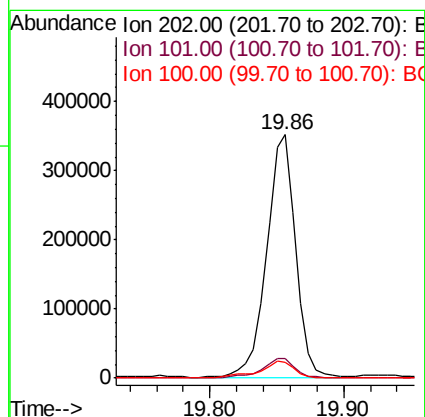
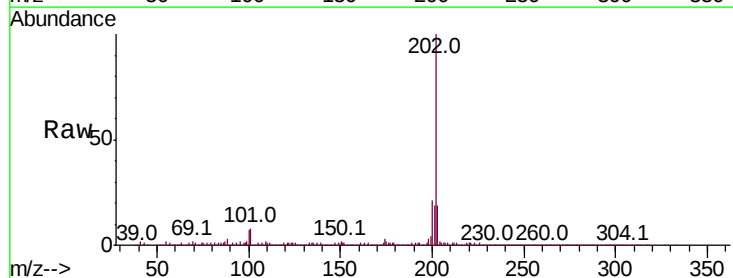
Instrument :
 BNA_G
 ClientSampleId :
 ETOB6

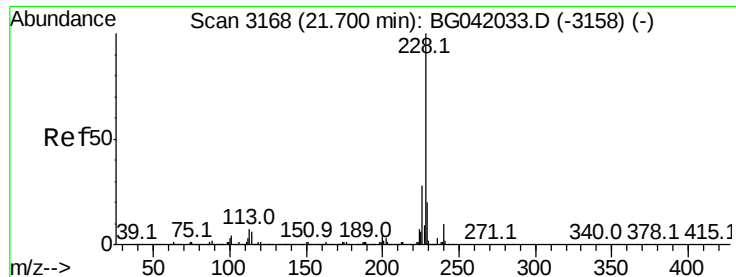
Tot Ion:	202	Resp:	461419
Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.7	10.1
100	5.4	5.3	7.9



#79
 Pyrene
 Concen: 18.954 ng/ul
 RT: 19.86 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BG042182.D
 Acq: 13 Aug 2019 15:54

Tgt Ion:	202	Resp:	524158
Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.6	11.4
100	6.5	6.5	9.7





#82

Benzo(a)anthracene

Concen: 8.287 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG042182.D

Acq: 13 Aug 2019 15:54

Instrument :

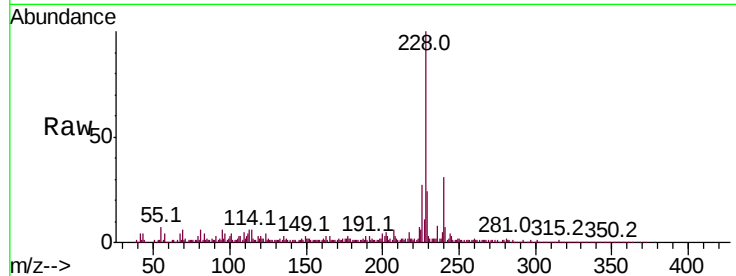
BNA_G

ClientSampleId :

ETOB6

Tot Ion:228 Resp: 236213

Ion	Ratio	Lower	Upper
228	100		
229	23.8	17.0	25.6
226	27.4	23.3	34.9

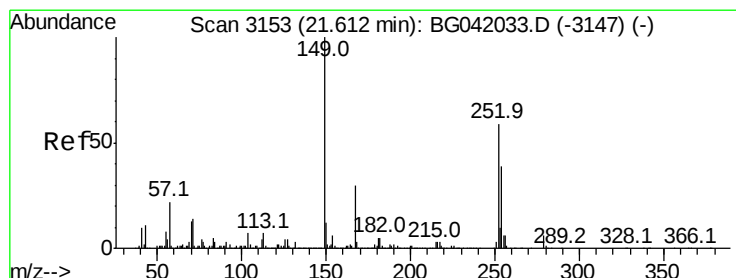
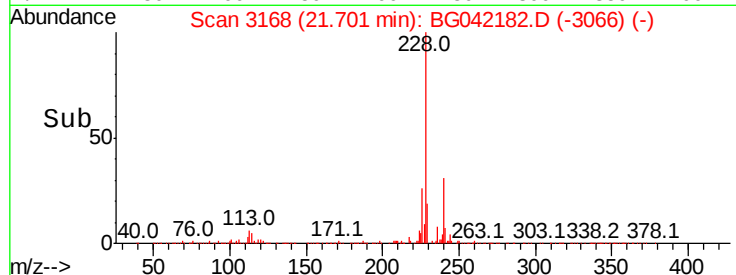
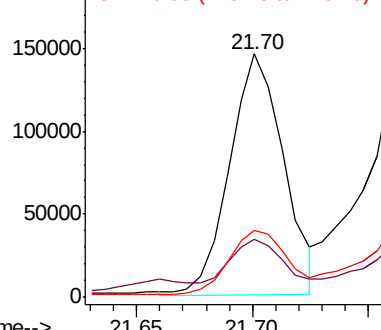


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.279 ng/ul

RT: 21.61 min Scan# 3153

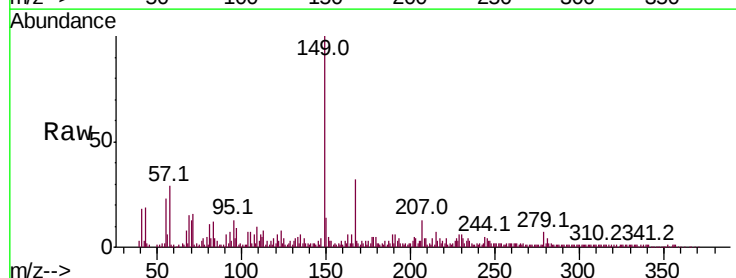
Delta R.T. 0.00 min

Lab File: BG042182.D

Acq: 13 Aug 2019 15:54

Tgt Ion:149 Resp: 93256

Ion	Ratio	Lower	Upper
149	100		
167	31.9	25.0	37.4
279	6.8	5.2	7.8

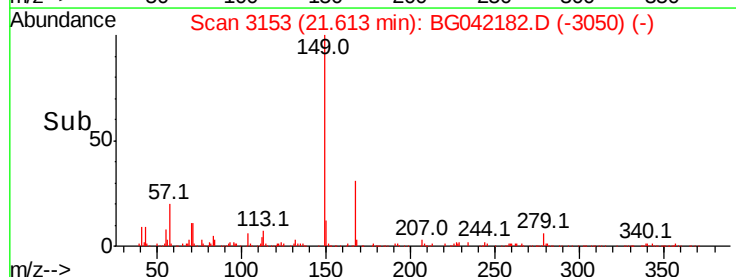
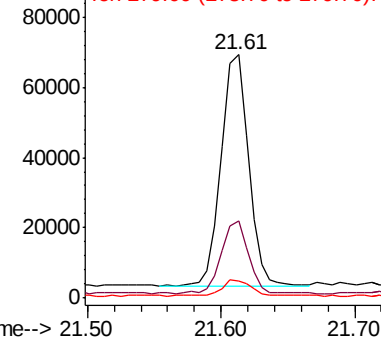


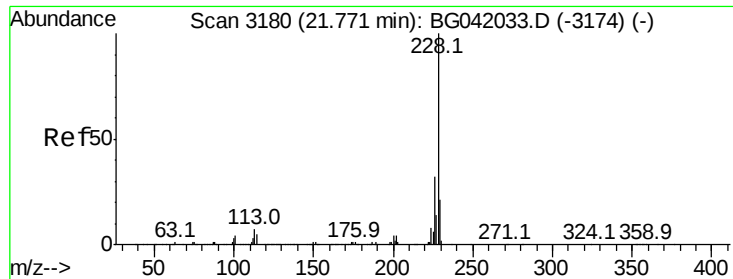
Abundance

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: 11.593 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG042182.D

Acq: 13 Aug 2019 15:54

Instrument :

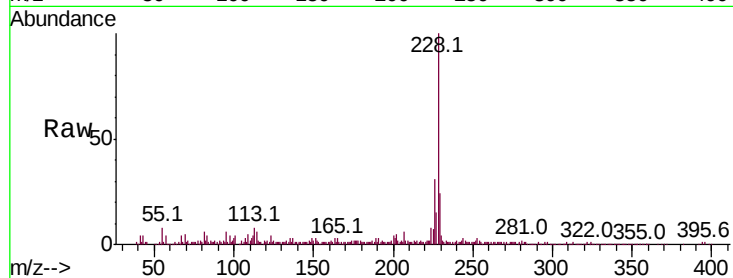
BNA_G

ClientSampleId :

ETOB6

Tot Ion:228 Resp: 308416

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	23.8	16.6	24.8

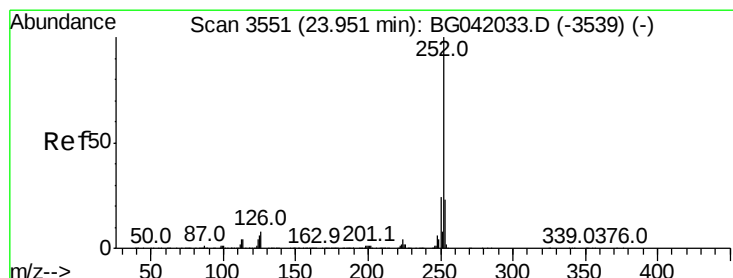
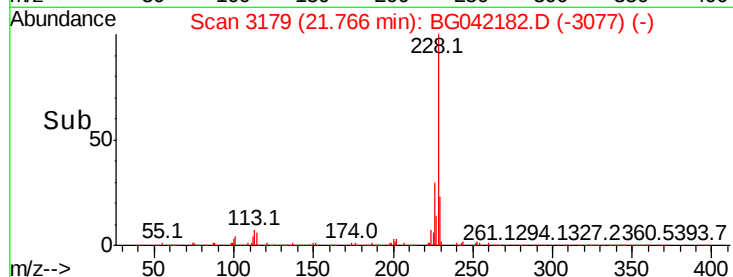
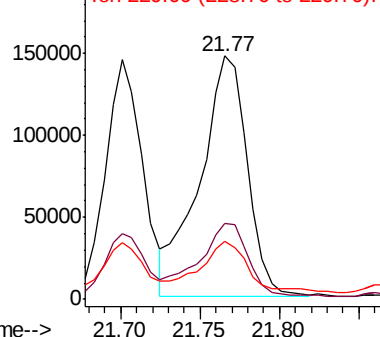


Abundance

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



#87

Benzo(b)fluoranthene

Concen: 11.786 ng/ul

RT: 23.96 min Scan# 3552

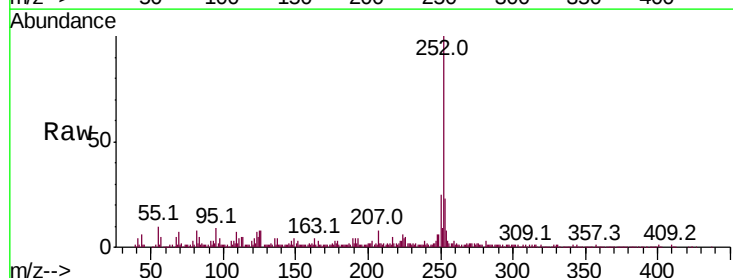
Delta R.T. 0.01 min

Lab File: BG042182.D

Acq: 13 Aug 2019 15:54

Tgt Ion:252 Resp: 358284

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	8.1	5.8	8.8

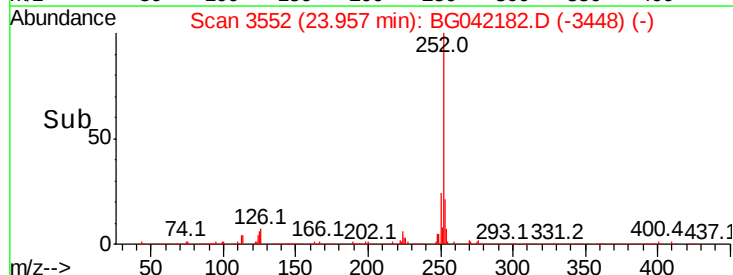
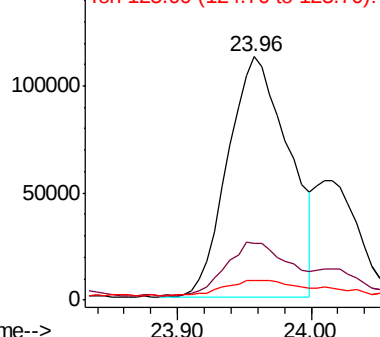


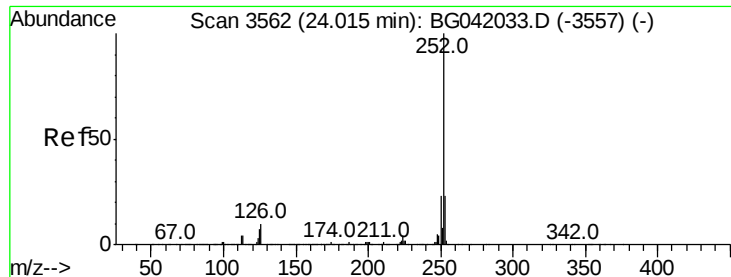
Abundance

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





#88

Benzo(k)fluoranthene

Concen: 12.258 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. -0.06 min

Lab File: BG042182.D

Acq: 13 Aug 2019 15:54

Instrument :

BNA_G

ClientSampleId :

ETOB6

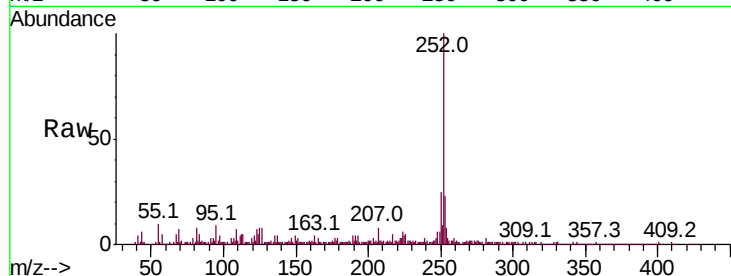
Tot Ion:252 Resp: 358284

Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

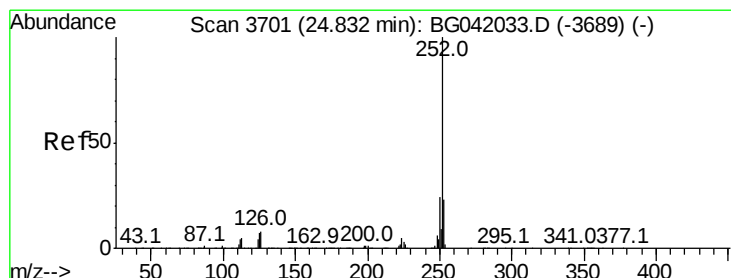
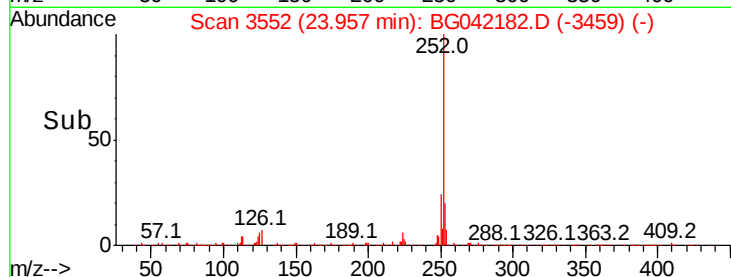
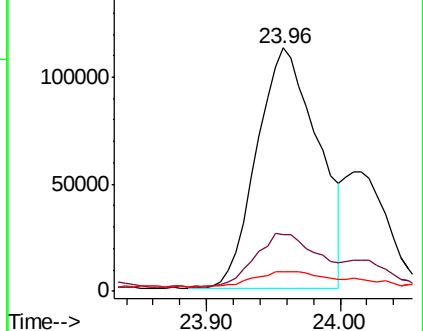
125 8.1 5.5 8.3



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

Benzo(a)pyrene

Concen: 8.976 ng/ul

RT: 24.84 min Scan# 3702

Delta R.T. 0.00 min

Lab File: BG042182.D

Acq: 13 Aug 2019 15:54

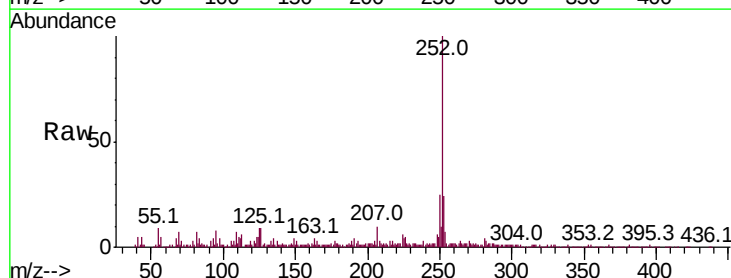
Tgt Ion:252 Resp: 260038

Ion Ratio Lower Upper

252 100

253 23.9 18.3 27.5

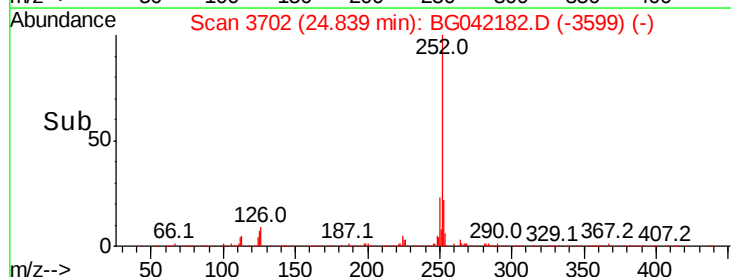
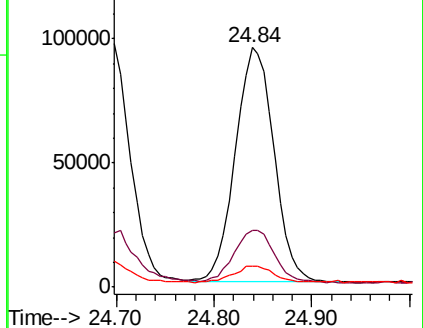
125 9.0 6.5 9.7

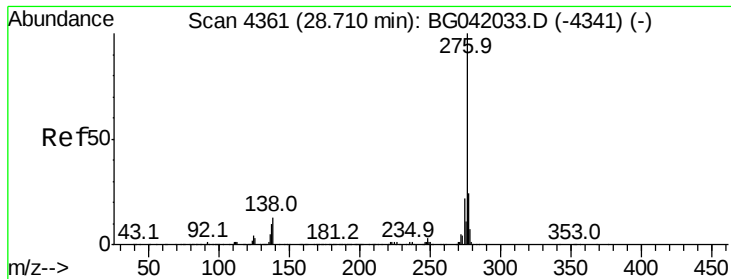


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 5.066 ng/ul

RT: 28.73 min Scan# 4364

Delta R.T. 0.01 min

Lab File: BG042182.D

Acq: 13 Aug 2019 15:54

Instrument :

BNA_G

ClientSampleId :

ETOB6

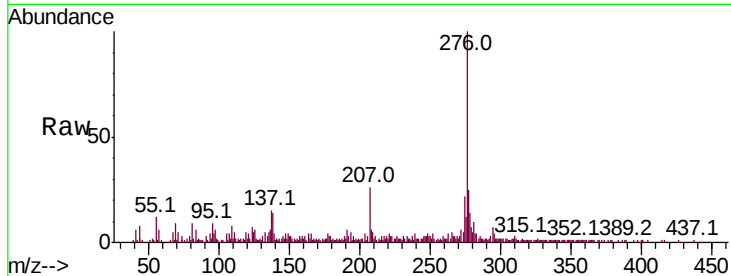
Tot Ion:276 Resp: 171183

Ion Ratio Lower Upper

276 100

138 14.4 12.0 18.0

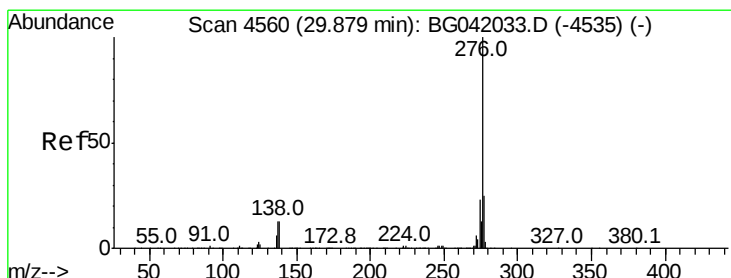
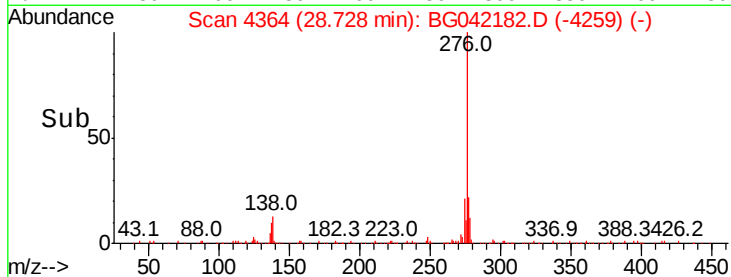
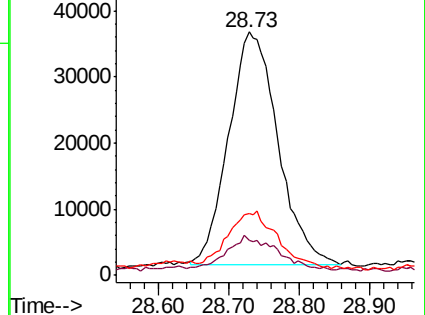
277 25.2 19.2 28.8



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



#93

Benzo(g,h,i)perylene

Concen: 3.770 ng/ul

RT: 29.90 min Scan# 4563

Delta R.T. 0.02 min

Lab File: BG042182.D

Acq: 13 Aug 2019 15:54

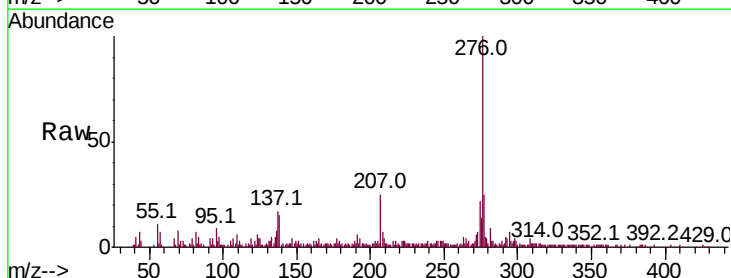
Tgt Ion:276 Resp: 106351

Ion Ratio Lower Upper

276 100

138 15.4 12.6 18.8

277 24.8 19.2 28.8



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

