

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042161.D
 Acq On : 13 Aug 2019 00:47
 Operator : HP/JU
 Sample : K4215-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOB4MS

Quant Time: Aug 13 13:59:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 13 04:44:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	81338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	331475	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	228528	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	475129	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	484038	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	530737	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	10262	5.52	ng/uL	0.00
5) Phenol-d5	7.18	99	227049	35.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	115257	32.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	201903	37.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	192448	35.91	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	101877	40.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	124470	42.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	228882	39.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	279594	43.08	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	662101	37.36	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	788783	38.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	81749	27.47	ng/ul	0.00
57) Fluorene-d10	15.68	176	595013	37.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	77464	25.41	ng/ul	0.00
70) Anthracene-d10	17.54	188	899229	39.45	ng/ul	0.00
78) Pyrene-d10	19.82	212	1007940	37.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	1115369	40.23	ng/ul	0.00

Target Compounds

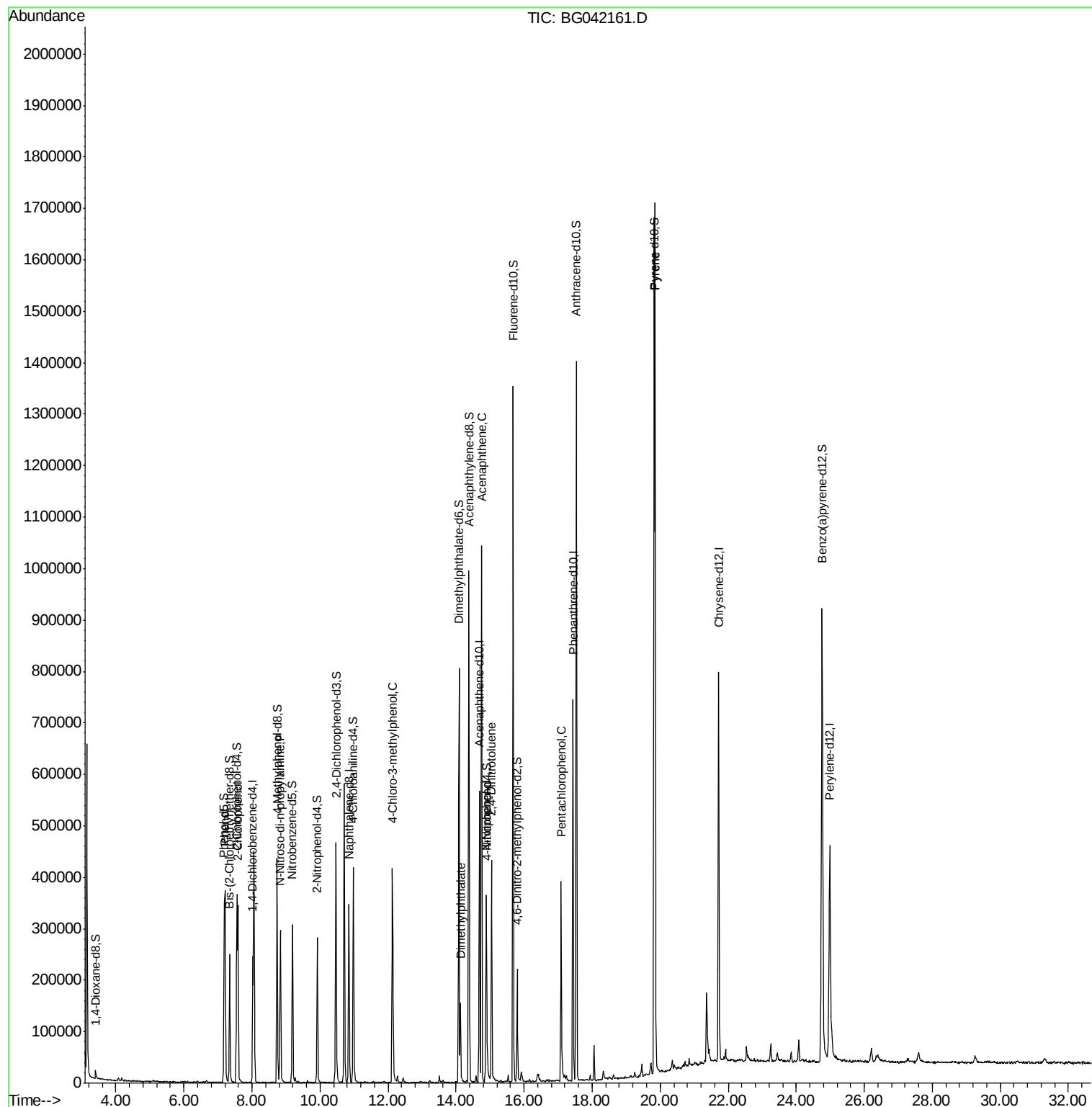
					Ovalue
6) Phenol	7.21	94	223497	33.920	ng/ul 93
10) 2-Chlorophenol	7.58	128	177762	32.134	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.83	70	121305	27.859	ng/ul 94
33) 4-Chloro-3-methylphenol	12.13	107	184101	32.217	ng/ul 98
44) Dimethylphthalate	14.13	163	112052	6.367	ng/ul 98
49) Acenaphthene	14.75	153	477020	33.385	ng/ul 98
52) 4-Nitrophenol	14.90	109	57731	26.178	ng/ul 87
54) 2,4-Dinitrotoluene	15.04	165	179241	32.205	ng/ul# 86
68) Pentachlorophenol	17.09	266	99921	29.039	ng/ul 97
79) Pyrene	19.85	202	1059814	32.550	ng/ul 99

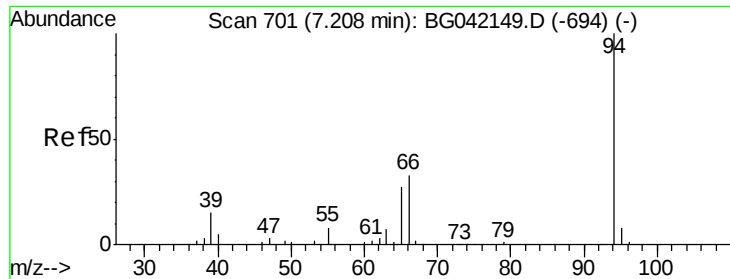
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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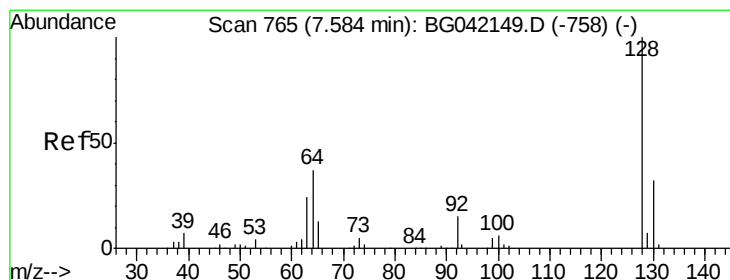
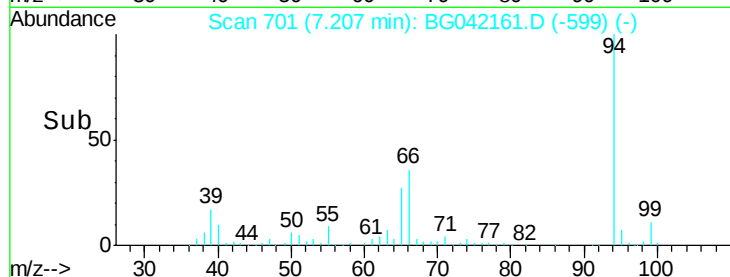
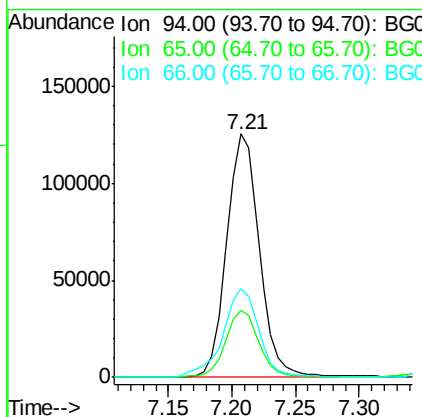
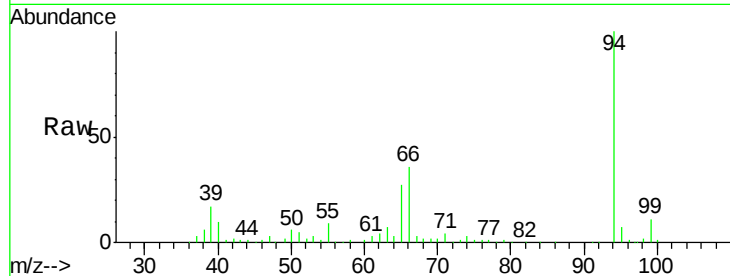
#6

Phenol

Concen: 33.920 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG042161.D
 Acq: 13 Aug 2019 00:47

Instrument :
 BNA_G
 ClientSampleId :
 ETOB4MS

Tot Ion	94	Resp	223497
Ion	Ratio	Lower	Upper
94	100		
65	27.3	25.8	38.6
66	36.3	31.8	47.8

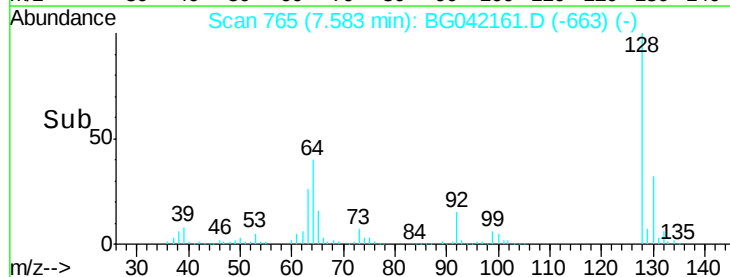
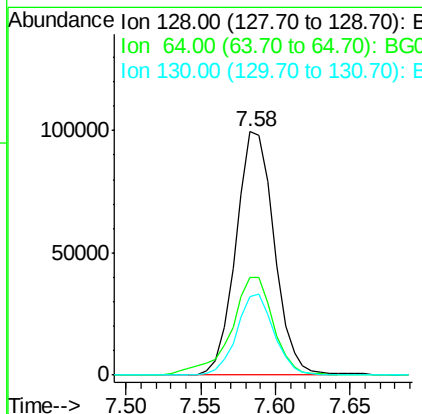
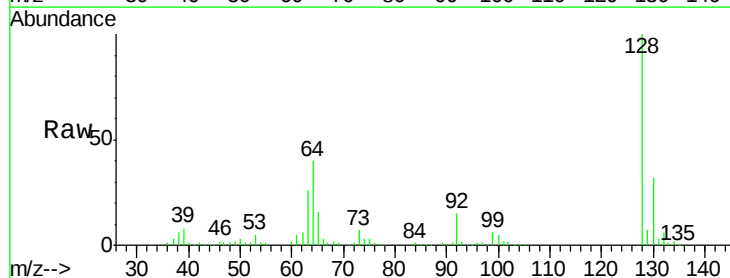


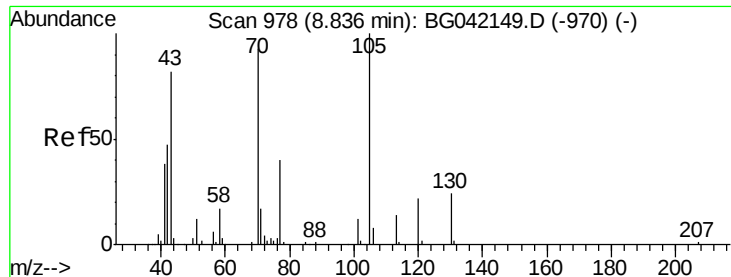
#10

2-Chlorophenol

Concen: 32.134 ng/ul
 RT: 7.58 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BG042161.D
 Acq: 13 Aug 2019 00:47

Tgt Ion	128	Resp	177762
Ion	Ratio	Lower	Upper
128	100		
64	39.9	35.5	53.3
130	32.4	26.2	39.4





#15

N-Nitroso-di-n-propylamine

Concen: 27.859 ng/ul

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG042161.D

Acq: 13 Aug 2019 00:47

Instrument :

BNA_G

ClientSampleId :

ETOB4MS

Tot Ion: 70 Resp: 121305

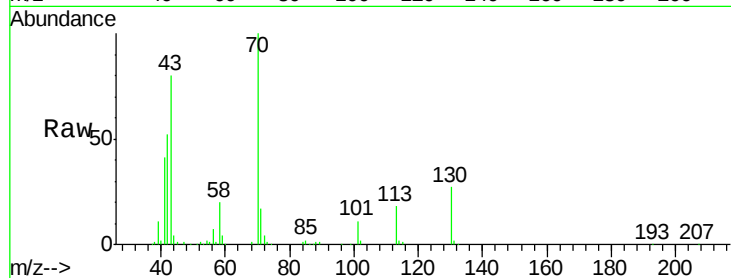
Ion Ratio Lower Upper

70 100

42 51.7 46.4 69.6

101 11.4 9.7 14.5

130 27.5 21.1 31.7

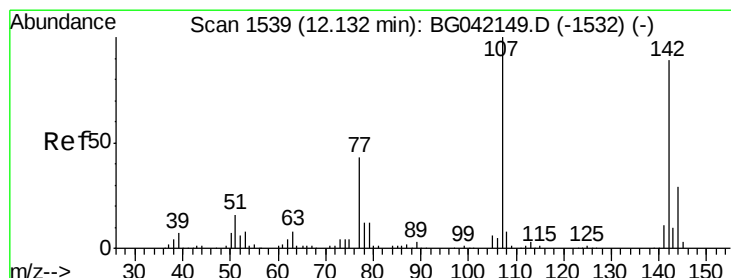
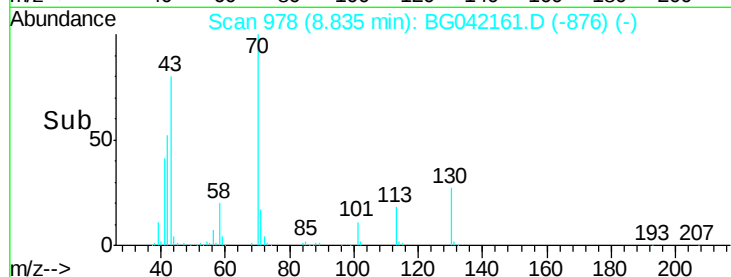
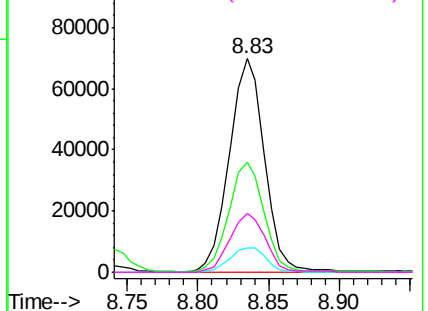


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 32.217 ng/ul

RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG042161.D

Acq: 13 Aug 2019 00:47

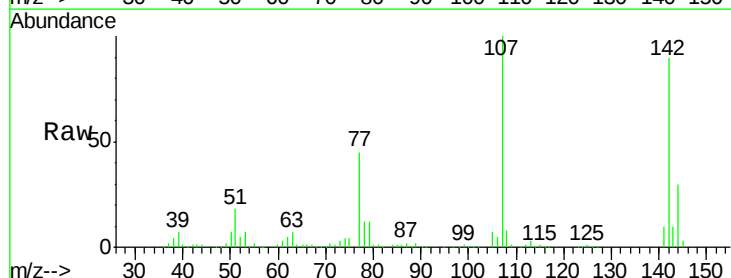
Tgt Ion:107 Resp: 184101

Ion Ratio Lower Upper

107 100

144 29.6 23.0 34.6

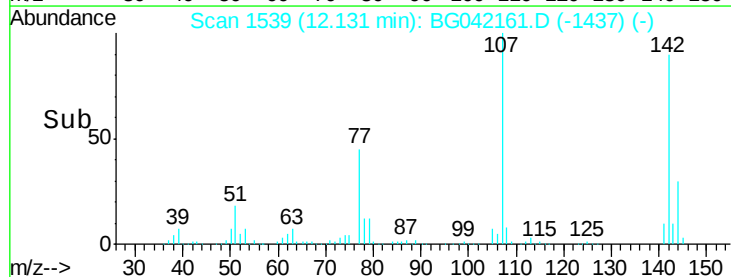
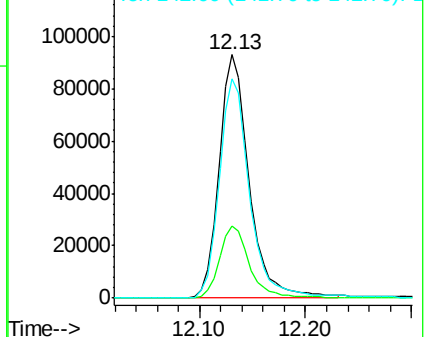
142 90.3 71.0 106.6

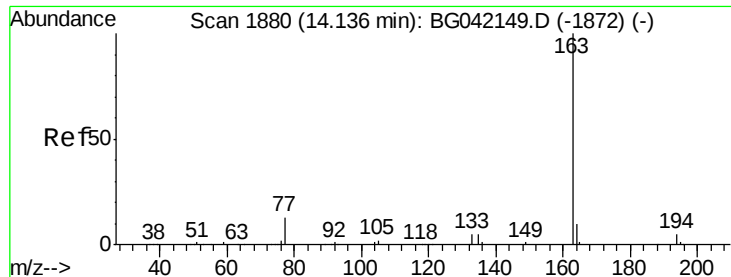


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 144.00 (143.70 to 144.70): BGC

Ion 142.00 (141.70 to 142.70): BGC





#44

Dimethylphthalate

Concen: 6.367 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG042161.D

Acq: 13 Aug 2019 00:47

Instrument :

BNA_G

ClientSampleId :

ETOB4MS

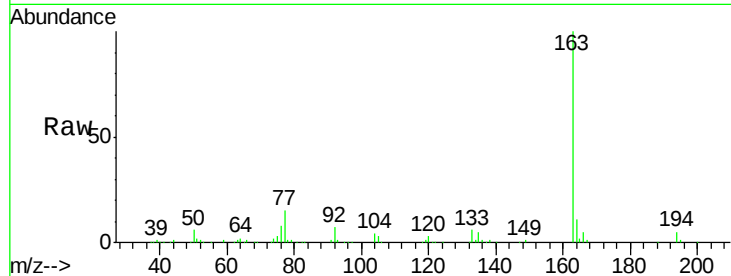
Tot Ion:163 Resp: 112052

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

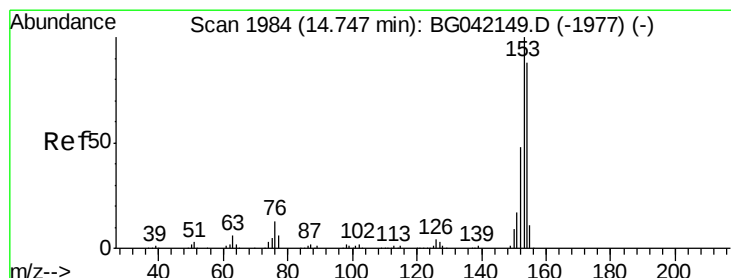
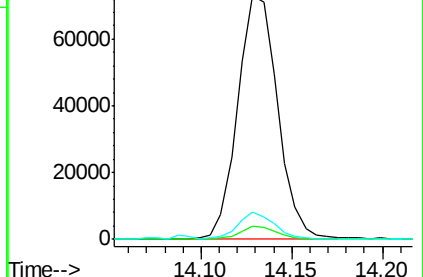
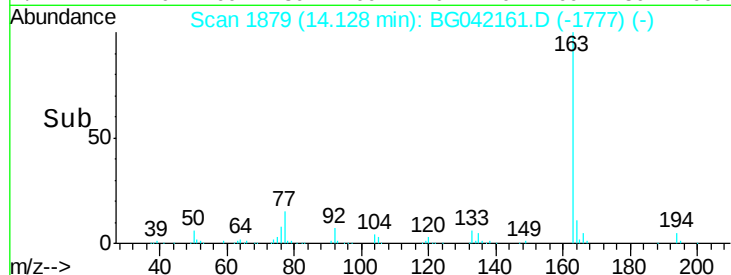
164 11.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 33.385 ng/ul

RT: 14.75 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BG042161.D

Acq: 13 Aug 2019 00:47

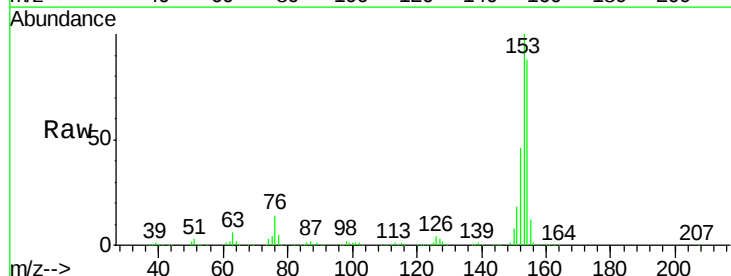
Tgt Ion:153 Resp: 477020

Ion Ratio Lower Upper

153 100

152 45.8 37.8 56.8

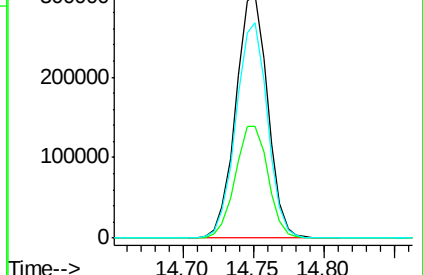
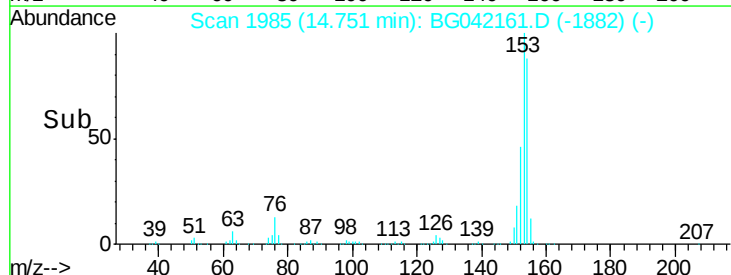
154 88.4 69.4 104.2

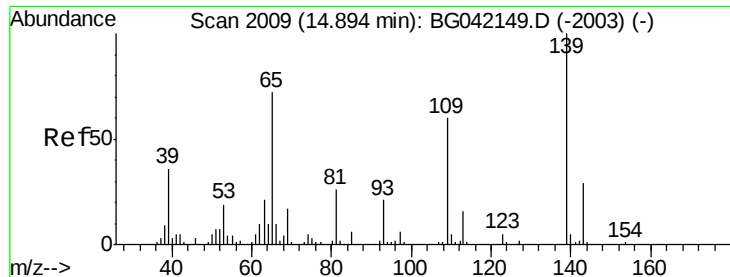


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

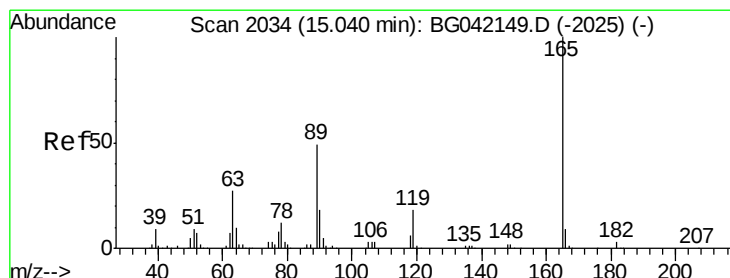
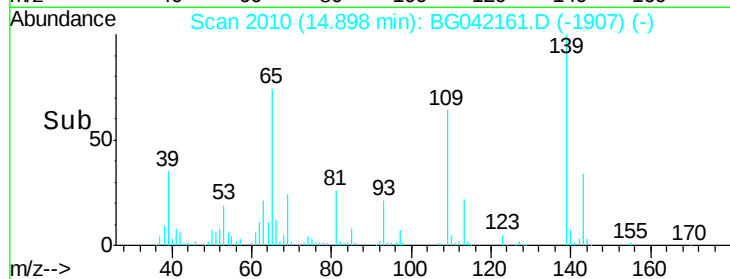
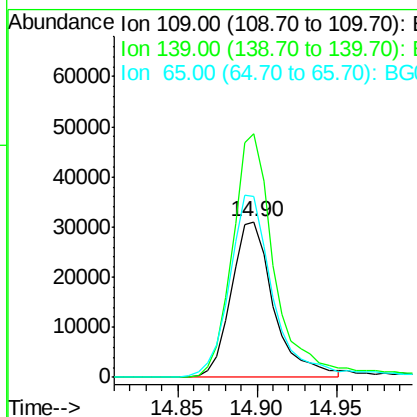
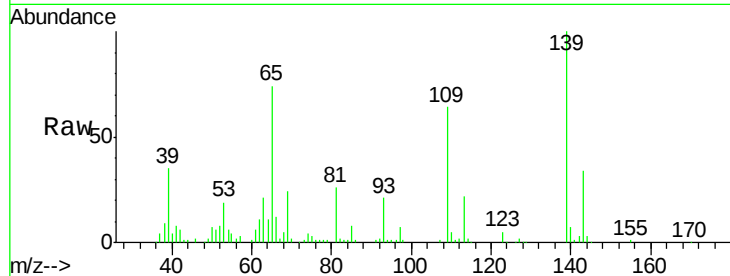




#52
 4-Nitrophenol
 Concen: 26.178 ng/ul
 RT: 14.90 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BG042161.D
 Acq: 13 Aug 2019 00:47

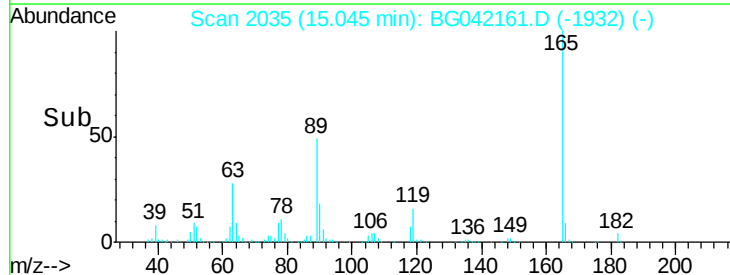
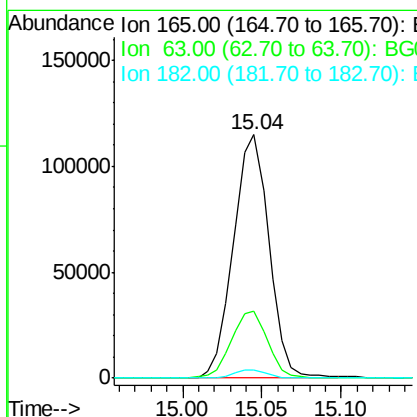
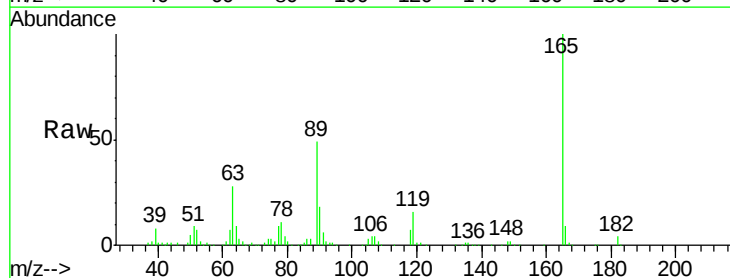
Instrument :
 BNA_G
 ClientSampleId :
 ETOB4MS

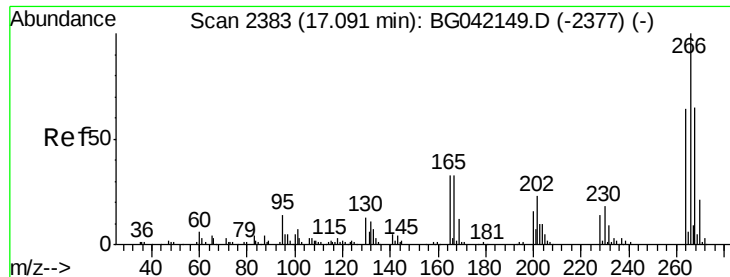
Tot Ion:	109	Resp:	57731
Ion	Ratio	Lower	Upper
109	100		
139	156.7	111.8	167.6
65	116.5	103.6	155.4



#54
 2,4-Dinitrotoluene
 Concen: 32.205 ng/ul
 RT: 15.04 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG042161.D
 Acq: 13 Aug 2019 00:47

Tgt Ion:	165	Resp:	179241
Ion	Ratio	Lower	Upper
165	100		
63	27.8	29.4	44.2#
182	3.6	2.6	4.0





#68

Pentachlorophenol

Concen: 29.039 ng/ul

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG042161.D

Acq: 13 Aug 2019 00:47

Instrument :

BNA_G

ClientSampleId :

ETOB4MS

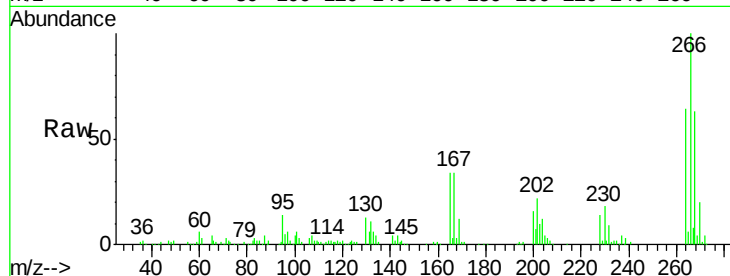
Tot Ion:266 Resp: 99921

Ion Ratio Lower Upper

266 100

264 64.2 52.3 78.5

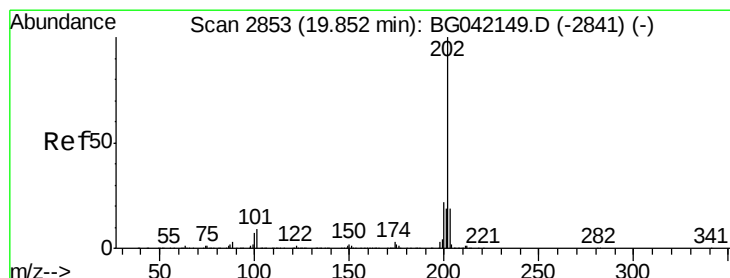
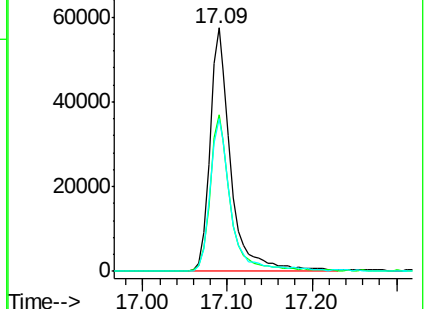
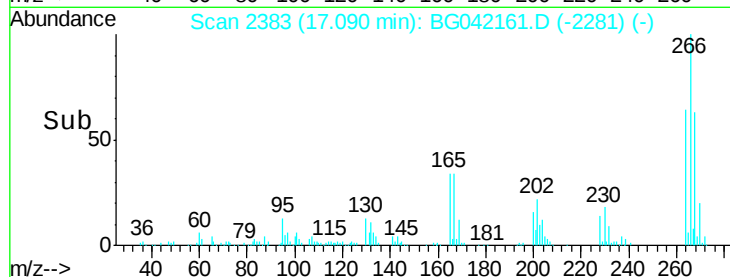
268 63.0 53.2 79.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79

Pyrene

Concen: 32.550 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG042161.D

Acq: 13 Aug 2019 00:47

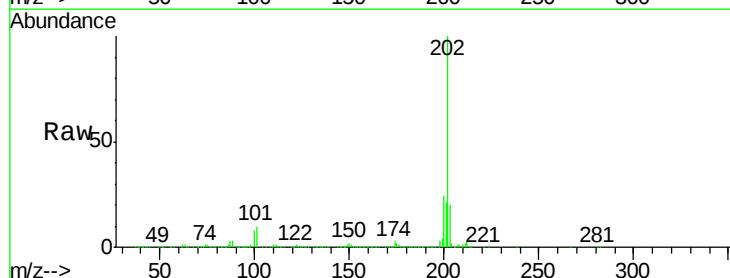
Tgt Ion:202 Resp: 1059814

Ion Ratio Lower Upper

202 100

101 10.2 7.6 11.4

100 8.0 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): E

