

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042162.D
 Acq On : 13 Aug 2019 1:25
 Operator : HP/JU
 Sample : K4215-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOB4MSD

Quant Time: Aug 13 14:01:20 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	82764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	337642	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	232446	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	486617	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	491936	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	528452	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	10420	5.51	ng/uL	0.00
5) Phenol-d5	7.18	99	227620	35.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	112171	30.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	201416	36.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	190024	34.85	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	99744	39.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	125012	42.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	228099	38.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	277685	42.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	670303	37.18	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	791146	38.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	76051	25.12	ng/ul	0.00
57) Fluorene-d10	15.68	176	593902	37.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	69343	22.21	ng/ul	0.00
70) Anthracene-d10	17.54	188	907118	38.85	ng/ul	0.00
78) Pyrene-d10	19.82	212	1007618	36.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	1115196	40.40	ng/ul	0.00

Target Compounds

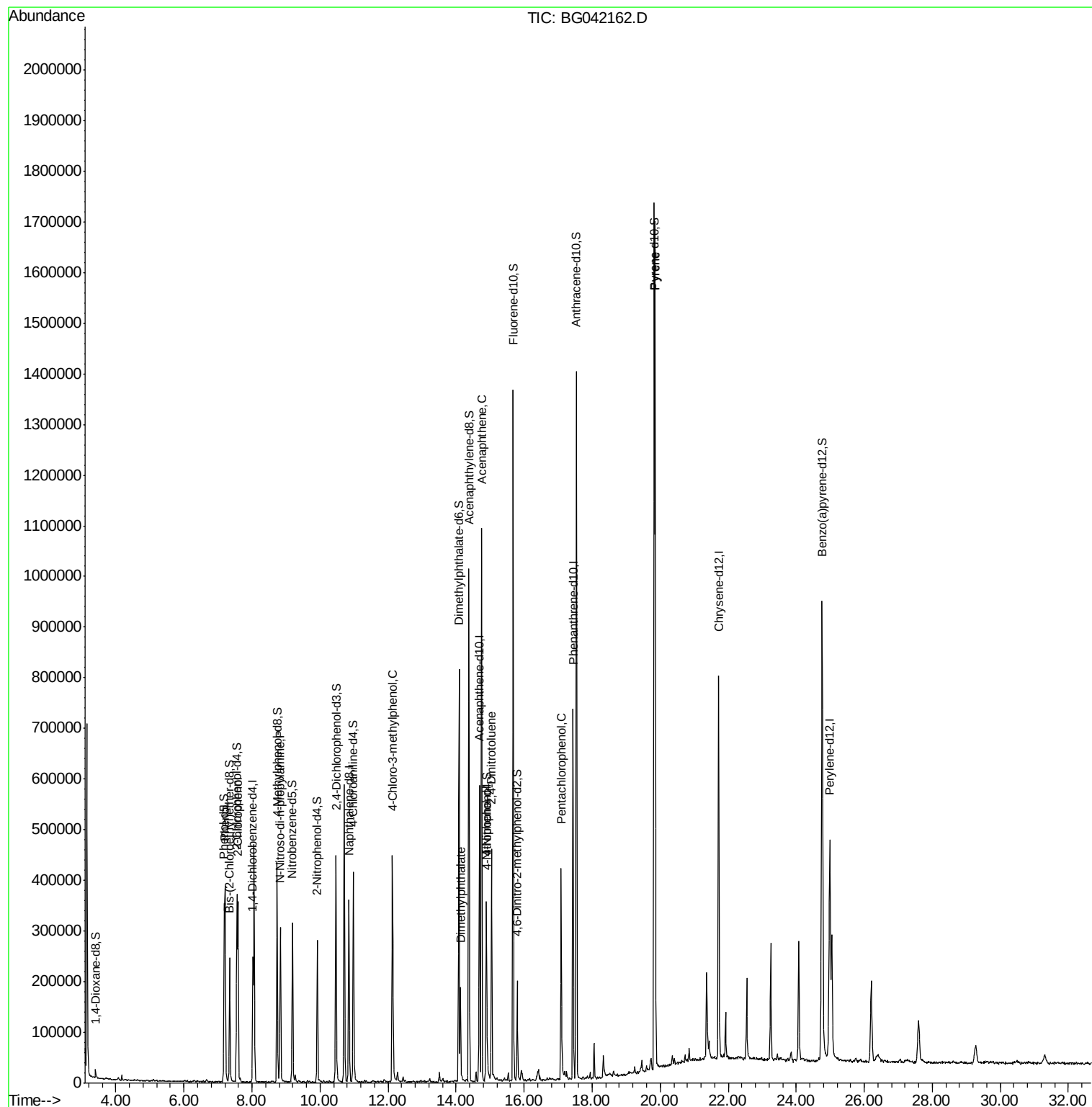
					Ovalue
6) Phenol	7.21	94	234649	34.999	ng/ul 93
10) 2-Chlorophenol	7.59	128	185348	32.928	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.83	70	125313	28.284	ng/ul 93
33) 4-Chloro-3-methylphenol	12.13	107	187758	32.257	ng/ul 99
44) Dimethylphthalate	14.13	163	145935	8.153	ng/ul 97
49) Acenaphthene	14.75	153	490415	33.744	ng/ul 99
52) 4-Nitrophenol	14.90	109	59047	26.323	ng/ul 90
54) 2,4-Dinitrotoluene	15.04	165	188581	33.312	ng/ul# 84
68) Pentachlorophenol	17.09	266	107150	30.405	ng/ul 98
79) Pyrene	19.86	202	1082815	32.723	ng/ul 99

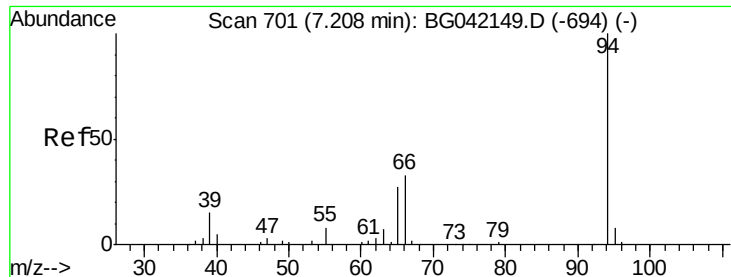
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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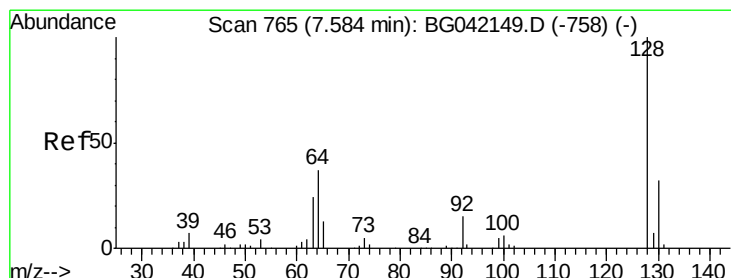
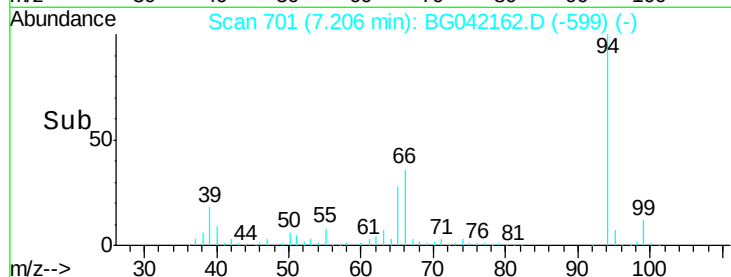
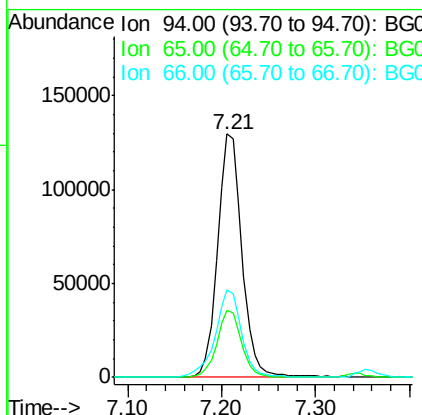
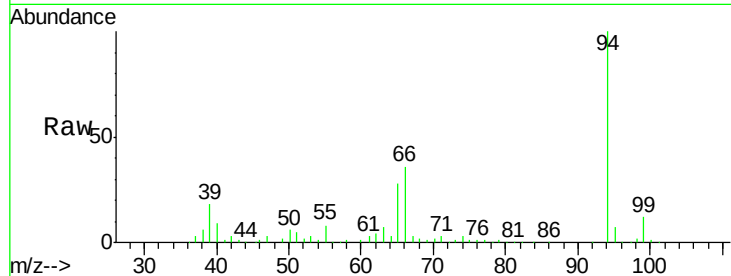
#6

Phenol

Concen: 34.999 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG042162.D
 Acq: 13 Aug 2019 1:25

Instrument :
 BNA_G
 ClientSampleId :
 ETOB4MSD

Tot Ion: 94 Resp: 234649
 Ion Ratio Lower Upper
 94 100
 65 27.5 25.8 38.6
 66 36.0 31.8 47.8

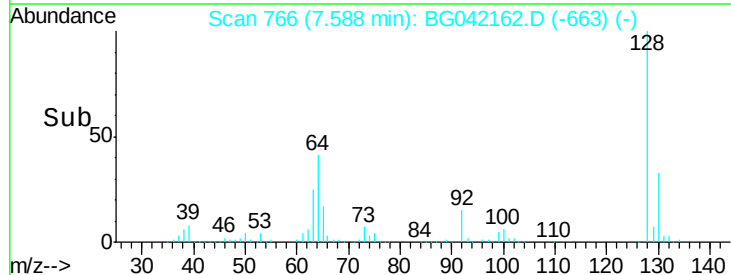
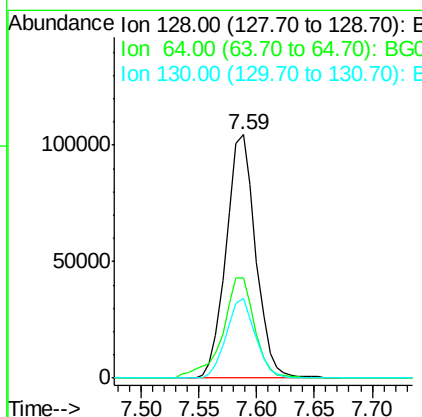
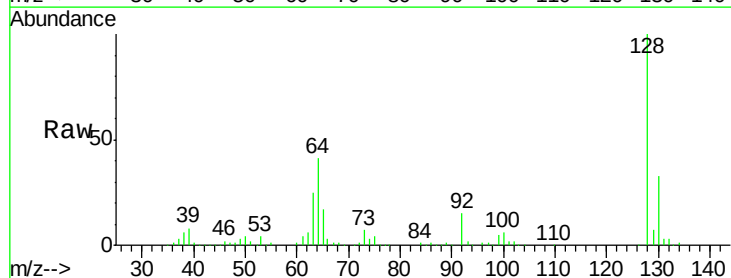


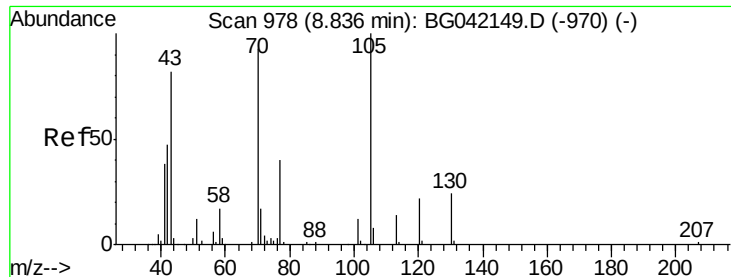
#10

2-Chlorophenol

Concen: 32.928 ng/ul
 RT: 7.59 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BG042162.D
 Acq: 13 Aug 2019 1:25

Tgt Ion: 128 Resp: 185348
 Ion Ratio Lower Upper
 128 100
 64 41.1 35.5 53.3
 130 32.6 26.2 39.4





#15

N-Nitroso-di-n-propylamine

Concen: 28.284 ng/ul

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG042162.D

Acq: 13 Aug 2019 1:25

Instrument :

BNA_G

ClientSampleId :

ETOB4MSD

Tot Ion: 70 Resp: 125313

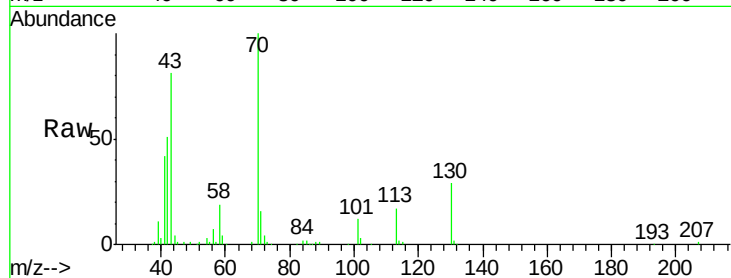
Ion Ratio Lower Upper

70 100

42 50.8 46.4 69.6

101 12.4 9.7 14.5

130 29.2 21.1 31.7

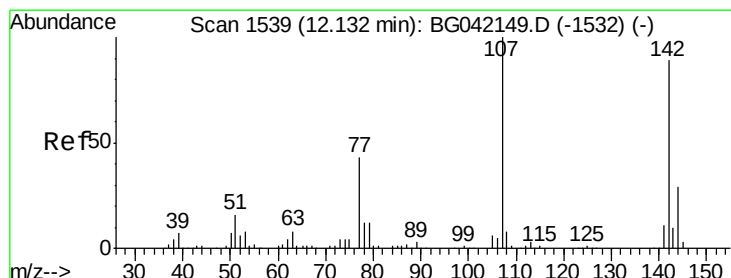
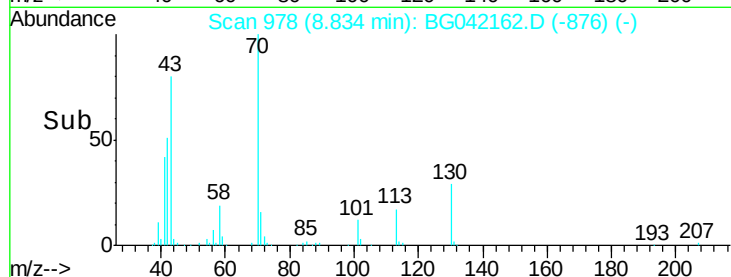
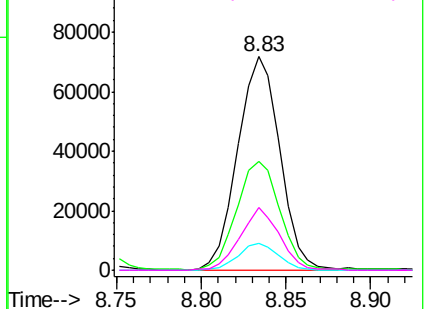


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 32.257 ng/ul

RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG042162.D

Acq: 13 Aug 2019 1:25

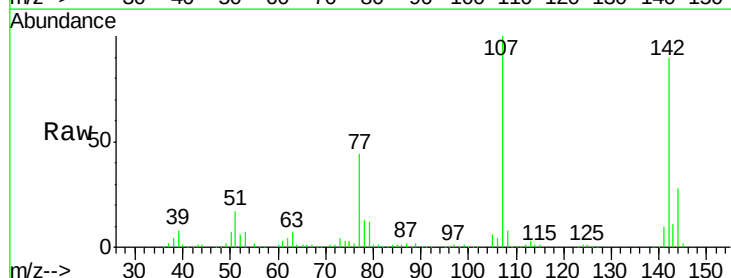
Tgt Ion: 107 Resp: 187758

Ion Ratio Lower Upper

107 100

144 28.0 23.0 34.6

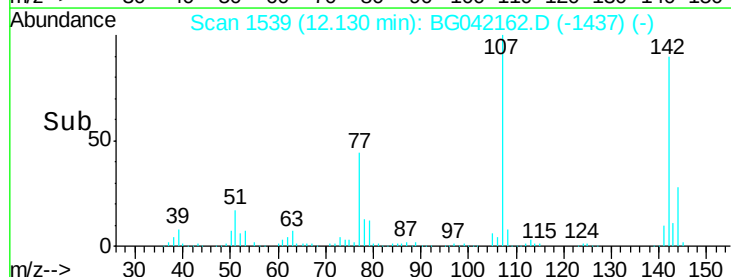
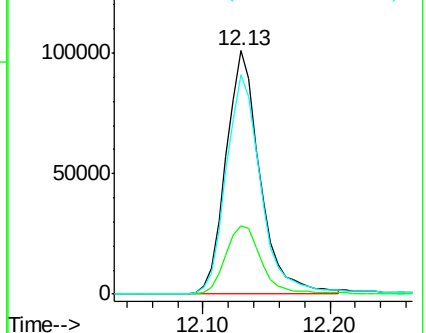
142 90.0 71.0 106.6

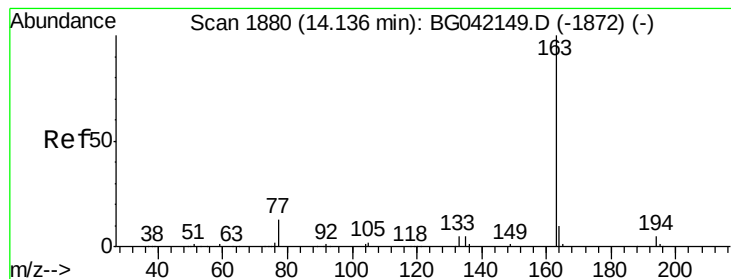


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 144.00 (143.70 to 144.70): BGC

Ion 142.00 (141.70 to 142.70): BGC





#44

Dimethylphthalate

Concen: 8.153 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG042162.D

Acq: 13 Aug 2019 1:25

Instrument :

BNA_G

ClientSampleId :

ETOB4MSD

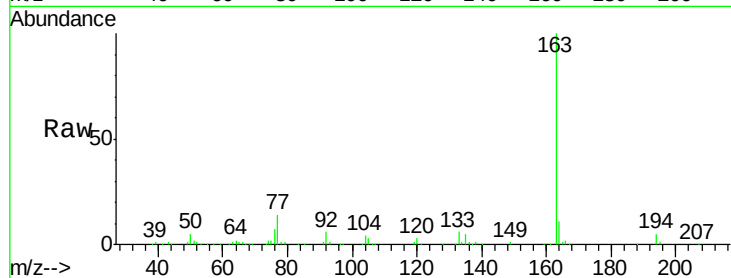
Tot Ion:163 Resp: 145935

Ion Ratio Lower Upper

163 100

194 4.7 4.2 6.2

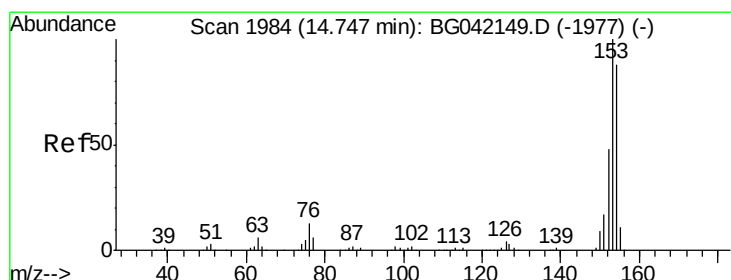
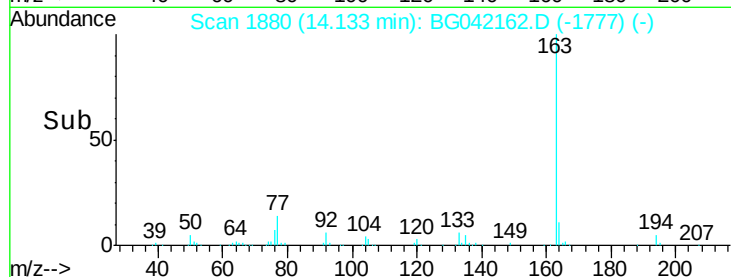
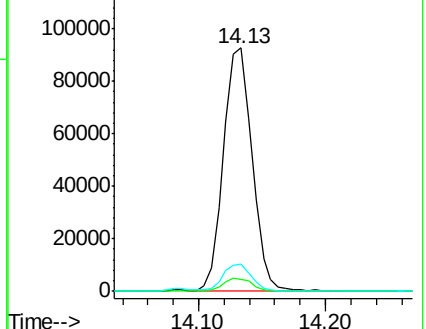
164 11.0 7.8 11.8



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: 33.744 ng/ul

RT: 14.75 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BG042162.D

Acq: 13 Aug 2019 1:25

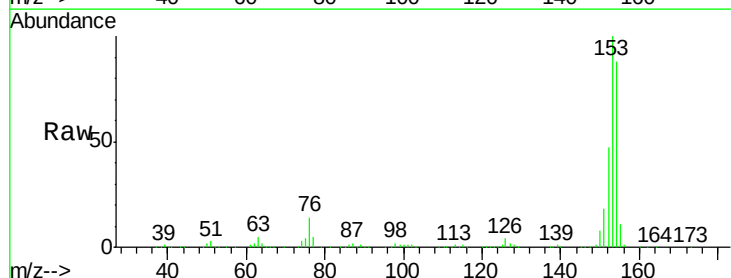
Tgt Ion:153 Resp: 490415

Ion Ratio Lower Upper

153 100

152 46.6 37.8 56.8

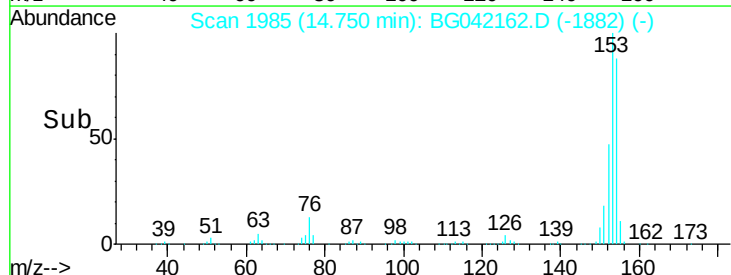
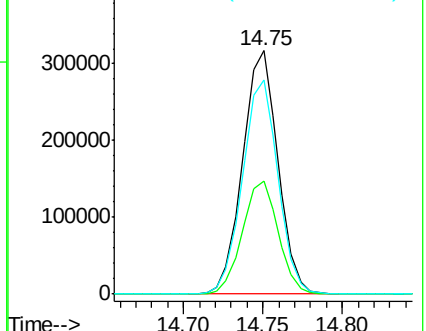
154 88.2 69.4 104.2

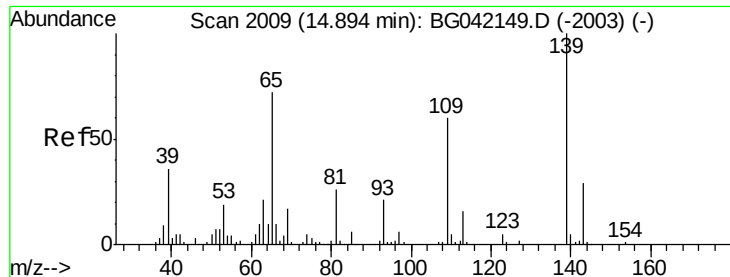


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

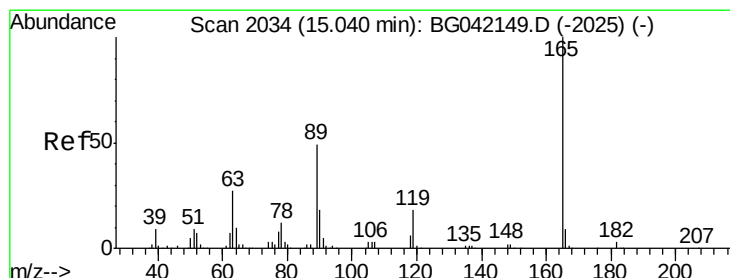
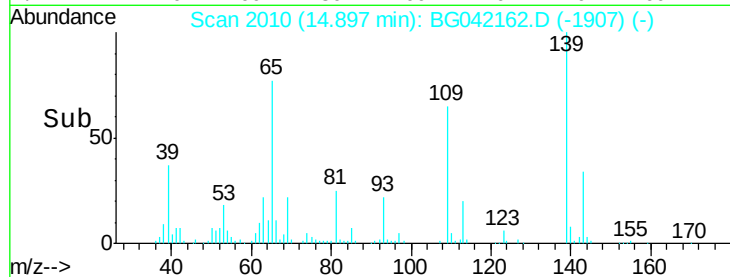
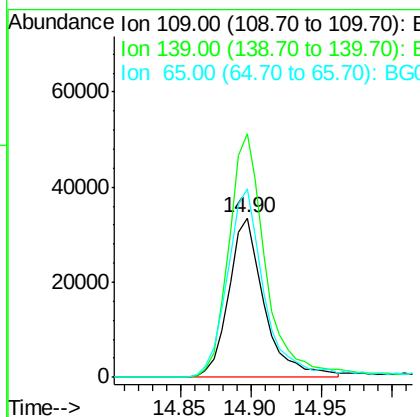
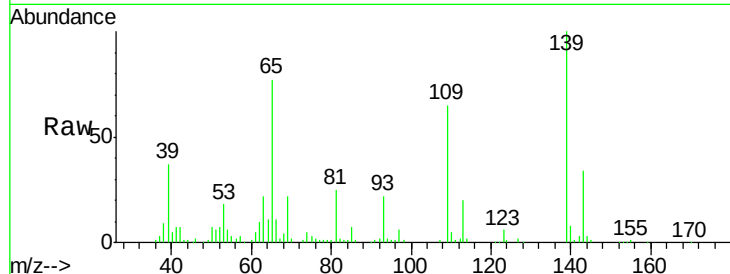




#52
 4-Nitrophenol
 Concen: 26.323 ng/ul
 RT: 14.90 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BG042162.D
 Acq: 13 Aug 2019 1:25

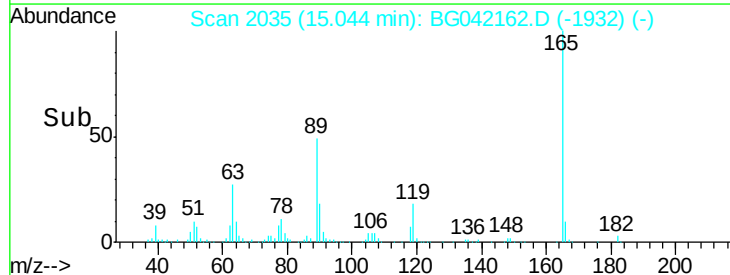
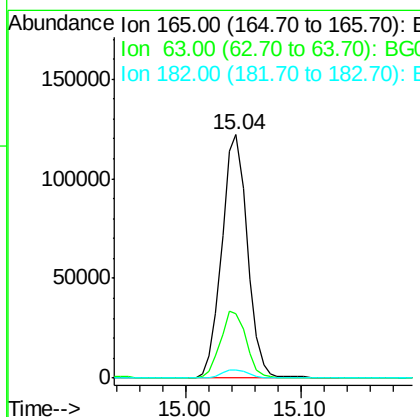
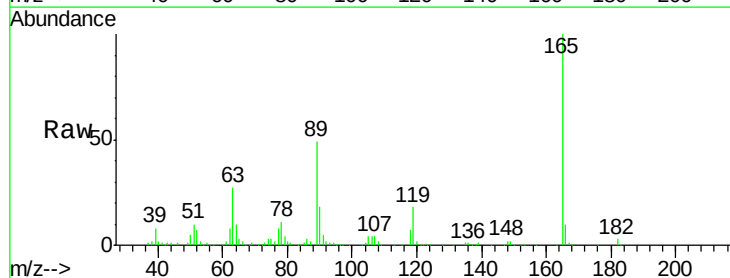
Instrument :
 BNA_G
 ClientSampleId :
 ETOB4MSD

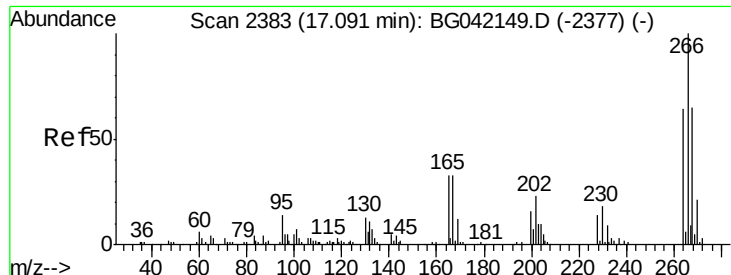
Tot Ion	Ratio	Lower	Upper
109	100		
139	153.0	111.8	167.6
65	118.5	103.6	155.4



#54
 2,4-Dinitrotoluene
 Concen: 33.312 ng/ul
 RT: 15.04 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG042162.D
 Acq: 13 Aug 2019 1:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	26.6	29.4	44.2#
182	3.4	2.6	4.0





#68

Pentachlorophenol

Concen: 30.405 ng/ul

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG042162.D

Acq: 13 Aug 2019 1:25

Instrument :

BNA_G

ClientSampleId :

ETOB4MSD

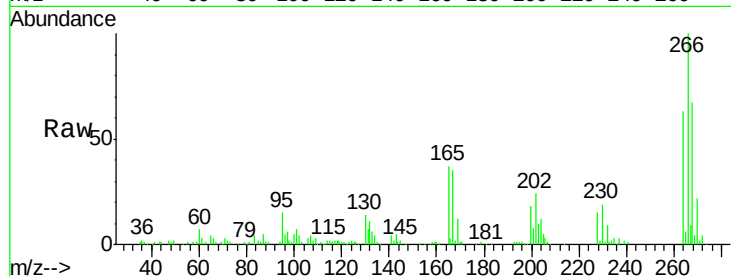
Tot Ion:266 Resp: 107150

Ion Ratio Lower Upper

266 100

264 62.8 52.3 78.5

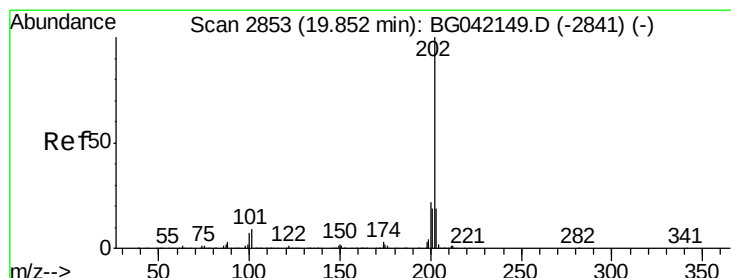
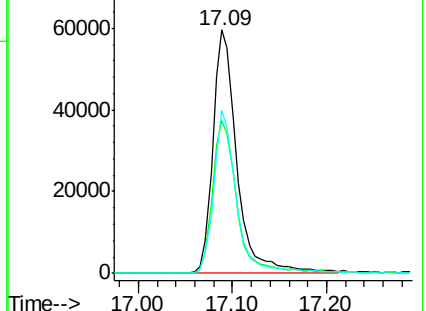
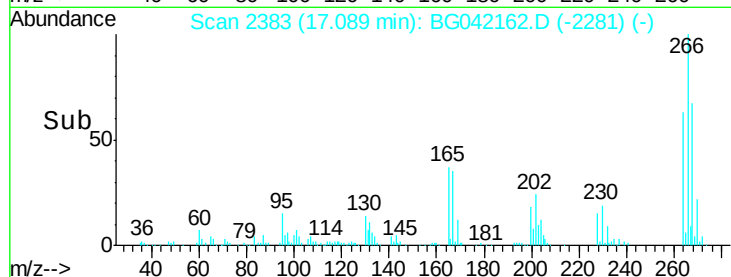
268 66.8 53.2 79.8



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: 32.723 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG042162.D

Acq: 13 Aug 2019 1:25

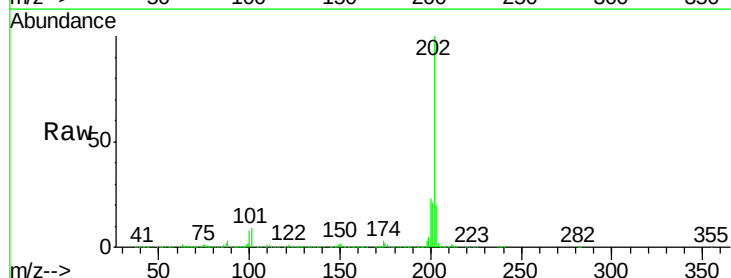
Tgt Ion:202 Resp: 1082815

Ion Ratio Lower Upper

202 100

101 9.0 7.6 11.4

100 7.9 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

