

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042140.D
 Acq On : 12 Aug 2019 11:19
 Operator : HP/JU
 Sample : K4161-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOD7MS

Quant Time: Aug 13 05:01:12 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	98479	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	400121	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	285565	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	597106	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	597464	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	664206	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	8699	3.86	ng/uL	0.00
5) Phenol-d5	7.18	99	50333	6.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	95184	22.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	146783	22.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	90569	13.96	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	86090	28.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	105074	30.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	190720	27.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	12050	1.54	ng/ul	0.01
43) Dimethylphthalate-d6	14.09	166	650439	29.37	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	717588	28.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	25296	6.80	ng/ul	0.00
57) Fluorene-d10	15.68	176	568631	28.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	114039	29.77	ng/ul	0.00
70) Anthracene-d10	17.54	188	908010	31.70	ng/ul	0.00
78) Pyrene-d10	19.82	212	1011164	30.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	1144570	32.99	ng/ul	0.00

Target Compounds

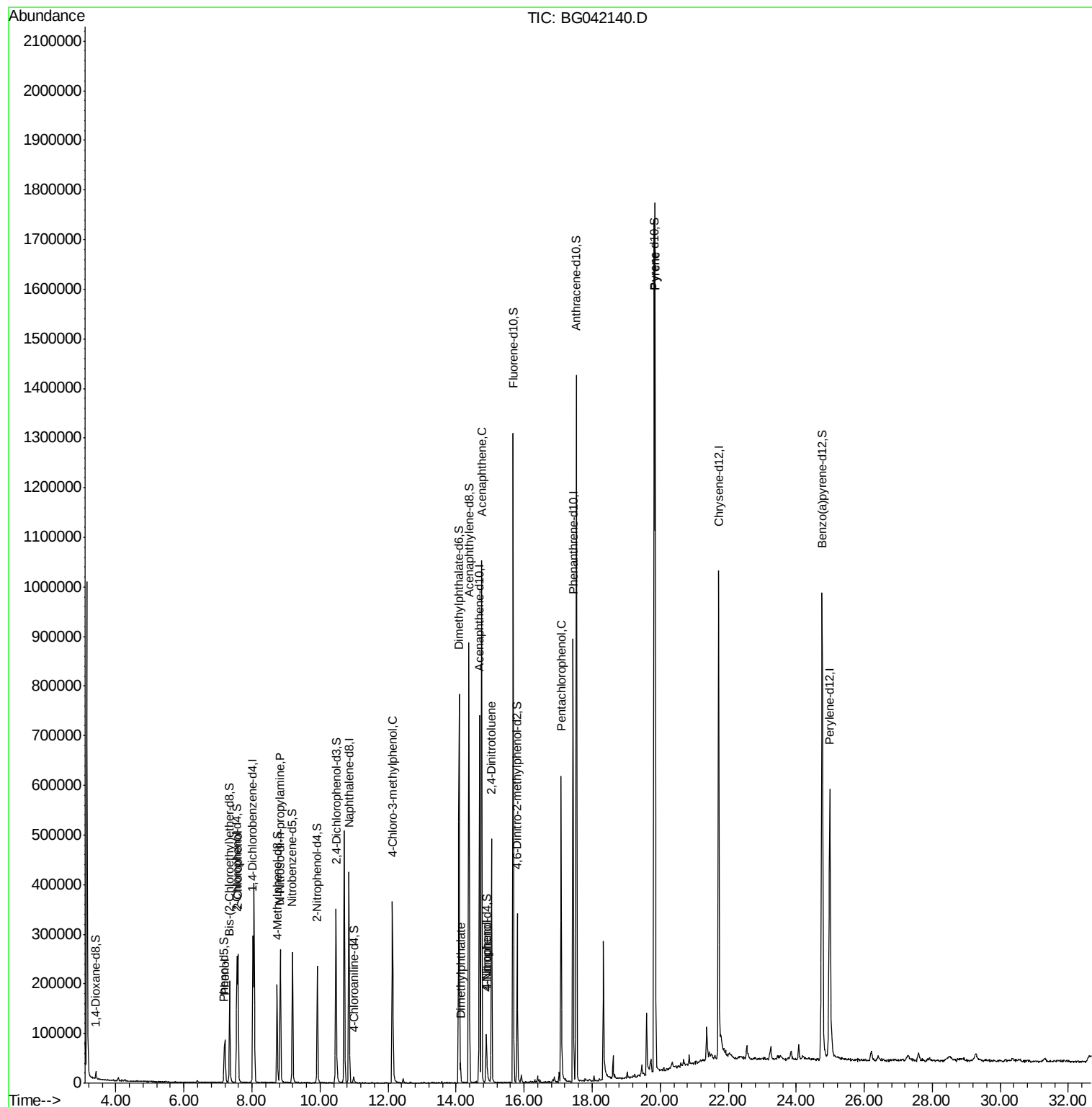
					Ovalue
6) Phenol	7.21	94	52280	6.553	ng/ul 95
10) 2-Chlorophenol	7.58	128	137253	20.492	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.83	70	110498	20.960	ng/ul 91
33) 4-Chloro-3-methylphenol	12.13	107	158975	23.047	ng/ul 96
44) Dimethylphthalate	14.13	163	27254	1.239	ng/ul 97
49) Acenaphthene	14.75	153	465529	26.073	ng/ul 99
52) 4-Nitrophenol	14.90	109	15799	5.733	ng/ul 85
54) 2,4-Dinitrotoluene	15.04	165	193981	27.892	ng/ul# 85
68) Pentachlorophenol	17.09	266	146278	33.828	ng/ul 98
79) Pyrene	19.86	202	1144836	28.486	ng/ul 100

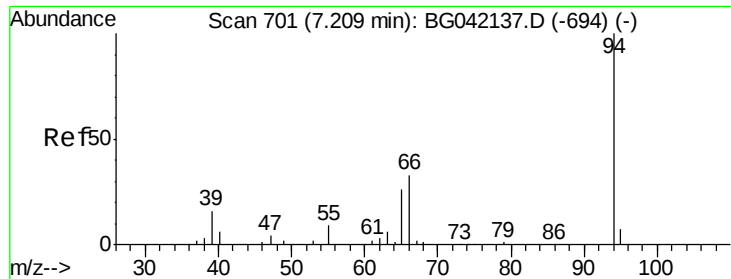
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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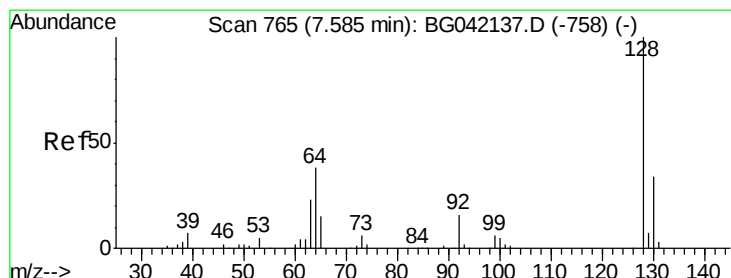
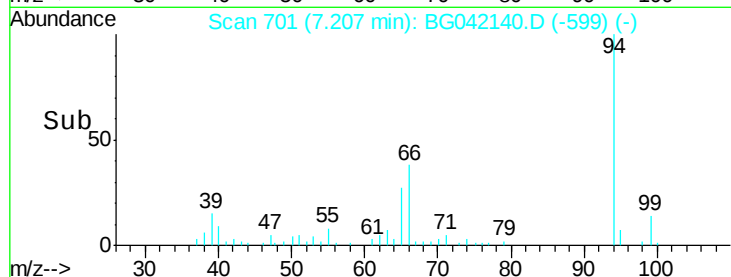
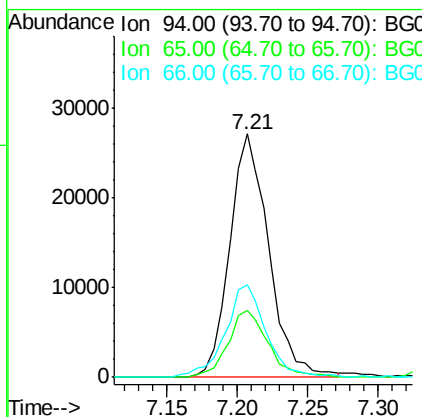
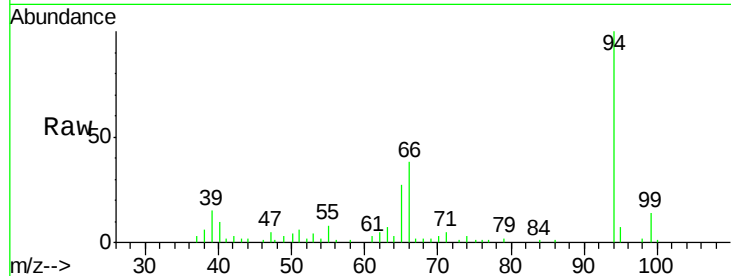
#6

Phenol

Concen: 6.553 ng/ul
 RT: 7.21 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG042140.D
 Acq: 12 Aug 2019 11:19

Instrument :
 BNA_G
 ClientSampleId :
 ETOD7MS

Tot Ion: 94 Resp: 52280
 Ion Ratio Lower Upper
 94 100
 65 27.5 25.8 38.6
 66 38.1 31.8 47.8

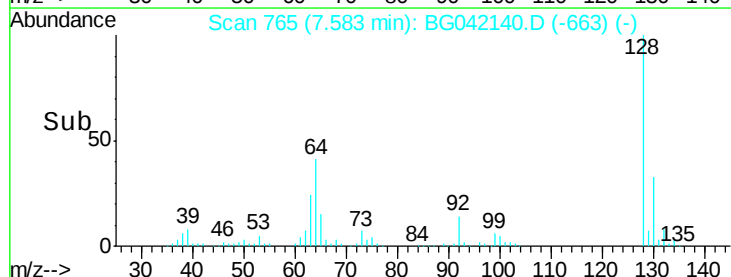
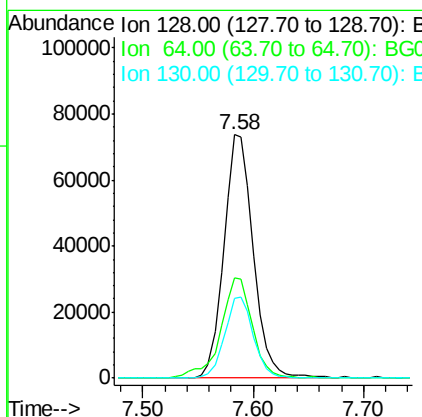
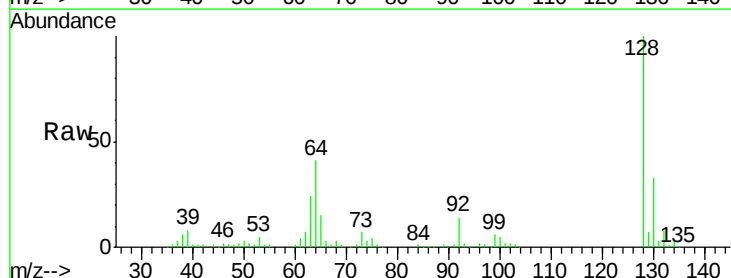


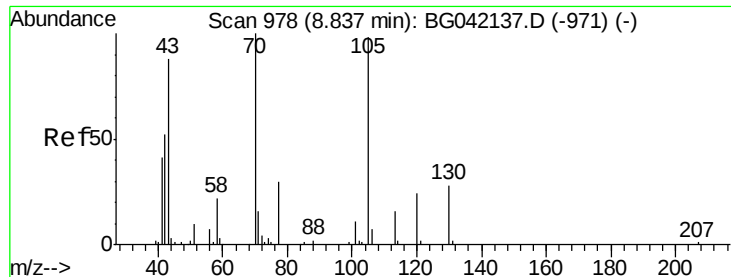
#10

2-Chlorophenol

Concen: 20.492 ng/ul
 RT: 7.58 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BG042140.D
 Acq: 12 Aug 2019 11:19

Tgt Ion: 128 Resp: 137253
 Ion Ratio Lower Upper
 128 100
 64 40.9 35.5 53.3
 130 32.9 26.2 39.4





#15

N-Nitroso-di-n-propylamine

Concen: 20.960 ng/ul

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG042140.D

Acq: 12 Aug 2019 11:19

Instrument :

BNA_G

ClientSampleId :

ETOD7MS

Tot Ion: 70 Resp: 110498

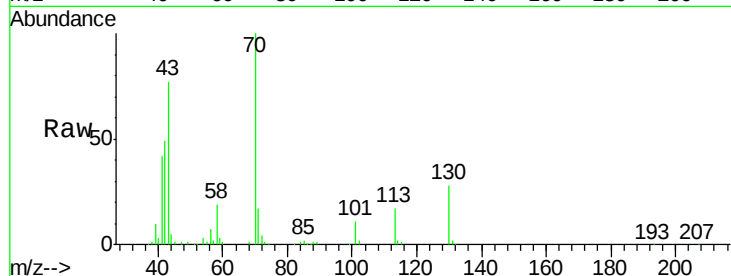
Ion Ratio Lower Upper

70 100

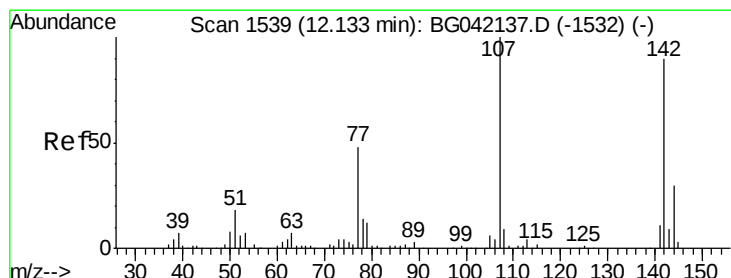
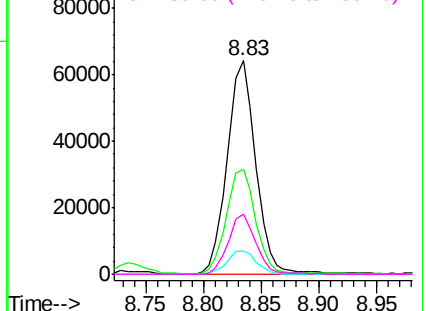
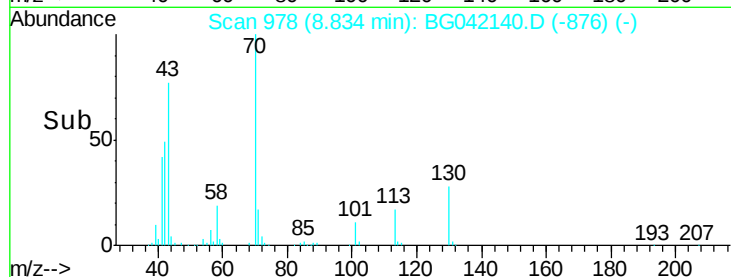
42 49.1 46.4 69.6

101 11.0 9.7 14.5

130 28.4 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: 23.047 ng/ul

RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG042140.D

Acq: 12 Aug 2019 11:19

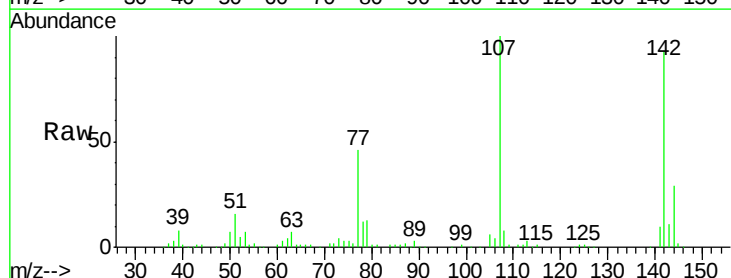
Tgt Ion:107 Resp: 158975

Ion Ratio Lower Upper

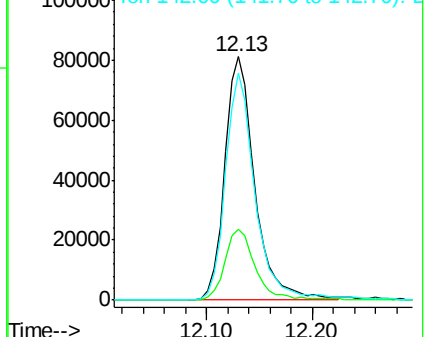
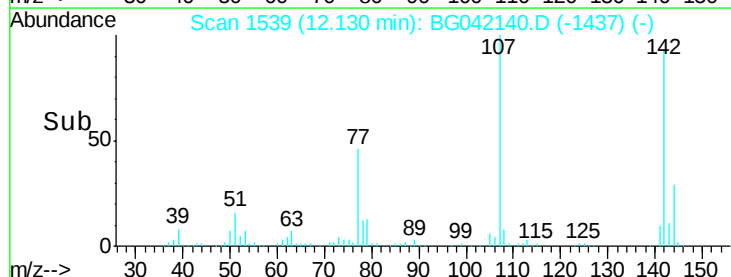
107 100

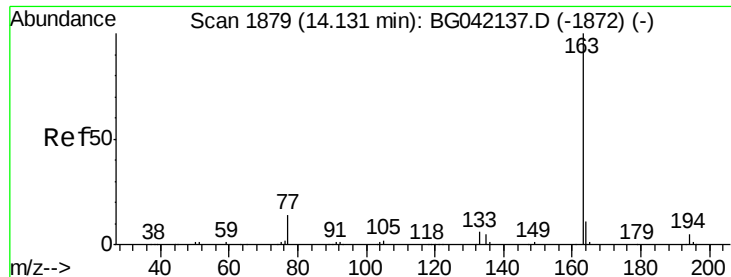
144 29.3 23.0 34.6

142 93.4 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: 1.239 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG042140.D

Acq: 12 Aug 2019 11:19

Instrument :

BNA_G

ClientSampleId :

ETOD7MS

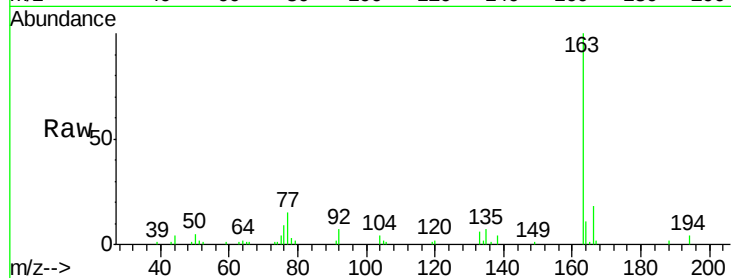
Tot Ion:163 Resp: 27254

Ion Ratio Lower Upper

163 100

194 4.3 4.2 6.2

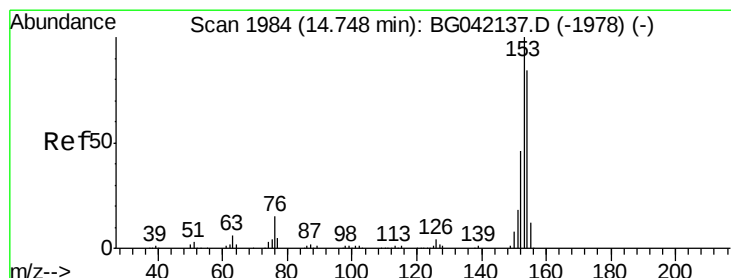
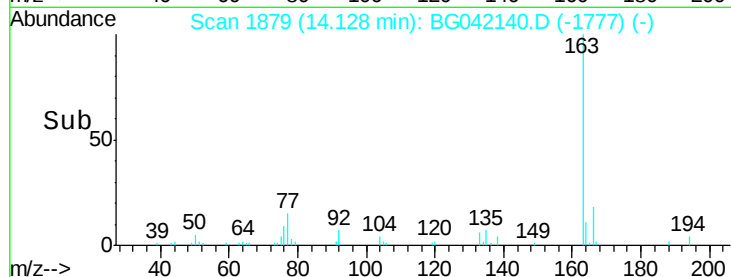
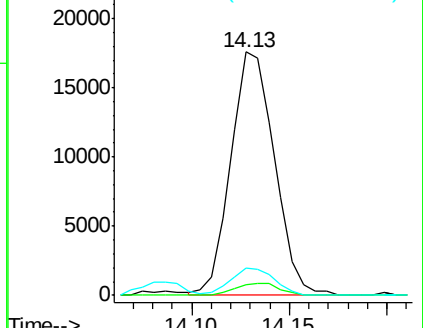
164 11.1 7.8 11.8



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: 26.073 ng/ul

RT: 14.75 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BG042140.D

Acq: 12 Aug 2019 11:19

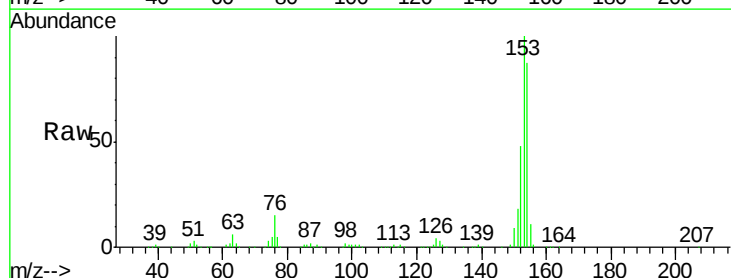
Tgt Ion:153 Resp: 465529

Ion Ratio Lower Upper

153 100

152 48.4 37.8 56.8

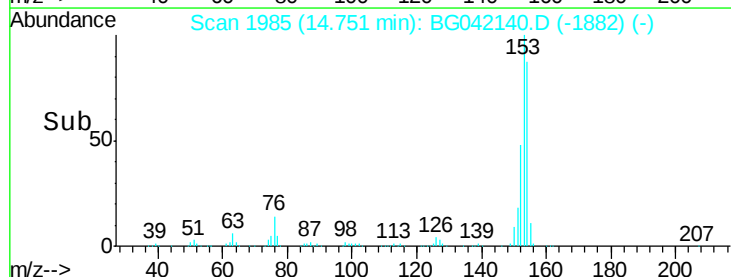
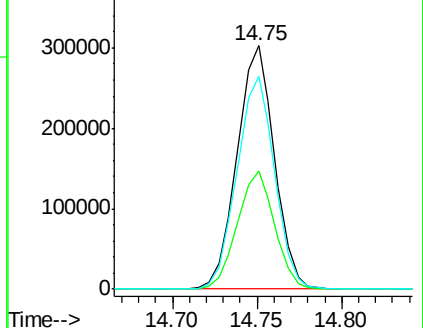
154 87.4 69.4 104.2

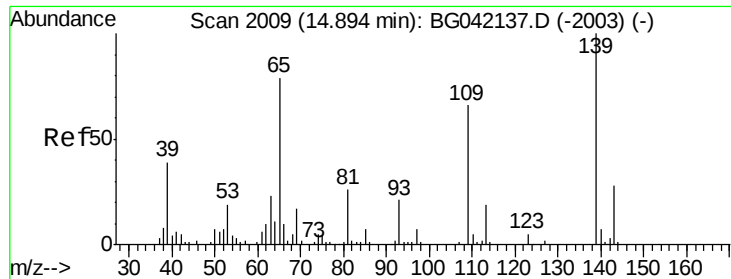


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 5.733 ng/ul

RT: 14.90 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG042140.D

Acq: 12 Aug 2019 11:19

Instrument :

BNA_G

ClientSampleId :

ETOD7MS

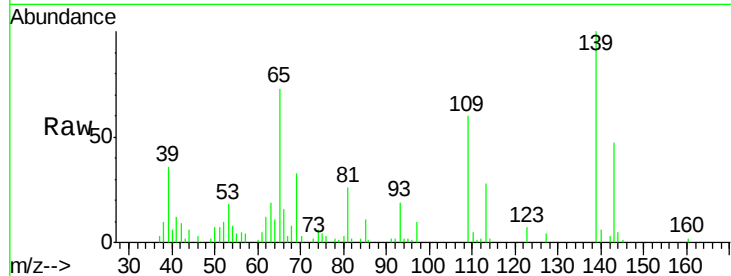
Tot Ion:109 Resp: 15799

Ion Ratio Lower Upper

109 100

139 166.2 111.8 167.6

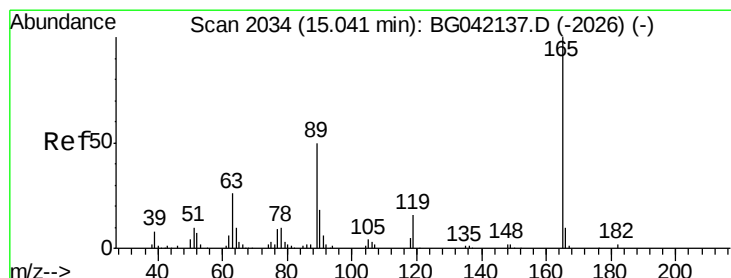
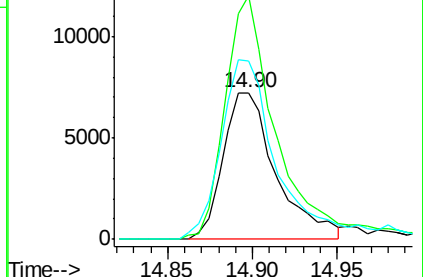
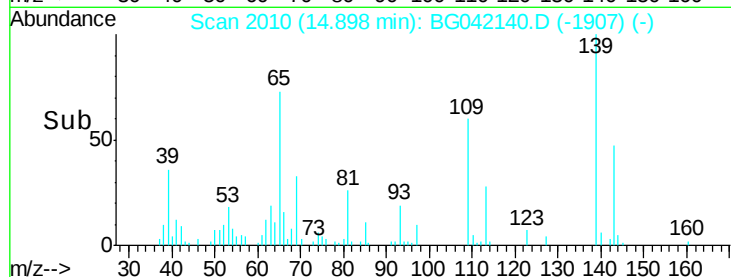
65 121.4 103.6 155.4



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#54

2,4-Dinitrotoluene

Concen: 27.892 ng/ul

RT: 15.04 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG042140.D

Acq: 12 Aug 2019 11:19

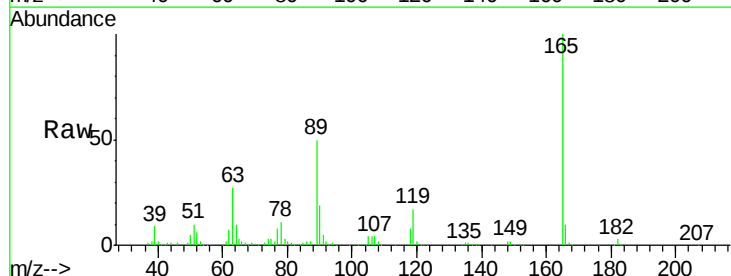
Tgt Ion:165 Resp: 193981

Ion Ratio Lower Upper

165 100

63 26.9 29.4 44.2#

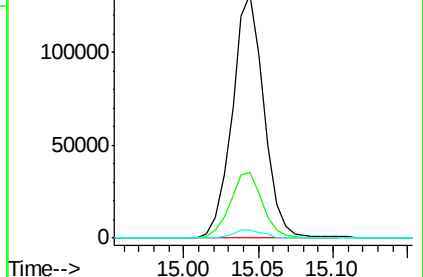
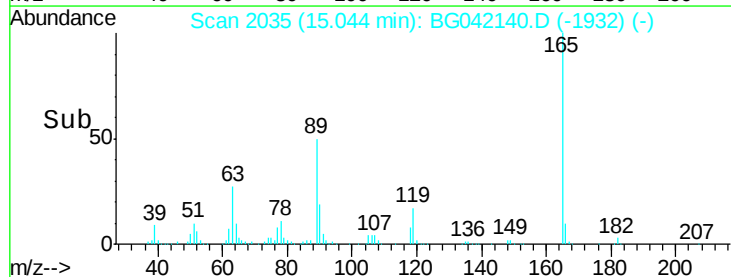
182 3.4 2.6 4.0

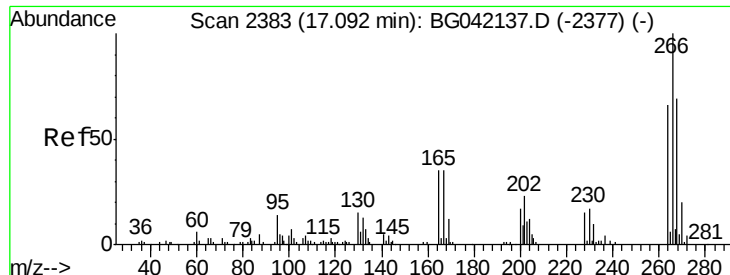


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 33.828 ng/ul

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG042140.D

Acq: 12 Aug 2019 11:19

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ETOD7MS

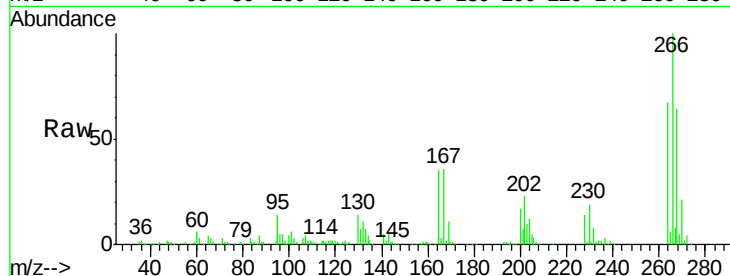
Tot Ion:266 Resp: 146278

Ion Ratio Lower Upper

266 100

264 66.6 52.3 78.5

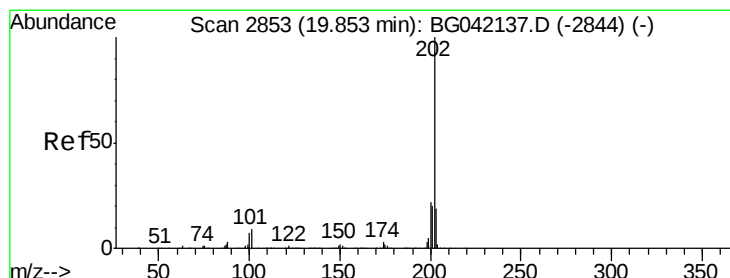
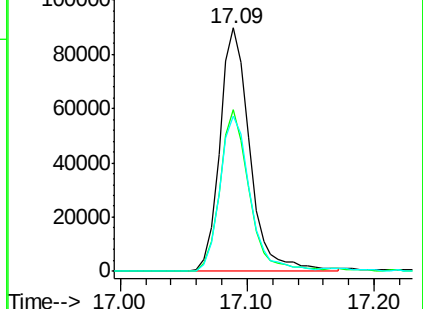
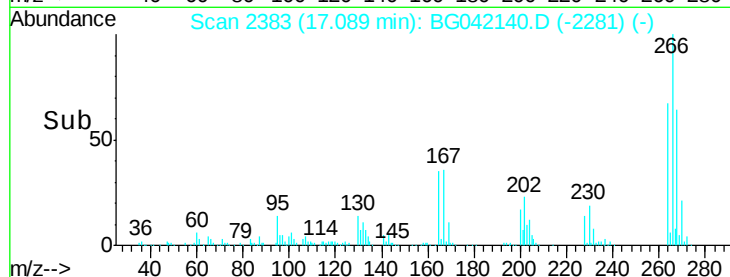
268 63.9 53.2 79.8



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: 28.486 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG042140.D

Acq: 12 Aug 2019 11:19

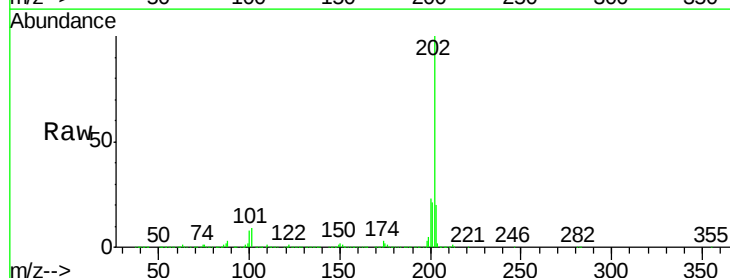
Tgt Ion:202 Resp: 1144836

Ion Ratio Lower Upper

202 100

101 9.5 7.6 11.4

100 7.8 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

