

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
 Data File : BG048237.D
 Acq On : 20 Feb 2021 15:03
 Operator : CG/JU
 Sample : M1379-21MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBH16MSD

Quant Time: Feb 22 04:19:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Feb 21 00:21:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	41154	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	155694	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	110237	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	255696	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	271840	20.00	ng/ul	0.00
86) Perylene-d12	25.05	264	270938	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	4908	4.97	ng/uL	0.00
5) Phenol-d5	7.30	99	105265	30.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	67706	32.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	79672	32.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	78427	28.83	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	41431	35.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	50378	35.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	88959	32.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	98731	36.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	280126	34.30	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	338293	33.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	43281	31.19	ng/ul	0.00
58) Fluorene-d10	15.73	176	244240	33.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	49822	31.78	ng/ul	0.00
71) Anthracene-d10	17.58	188	386243	35.23	ng/ul	0.00
79) Pyrene-d10	19.87	212	448344	33.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	466065	33.72	ng/ul	0.00

Target Compounds

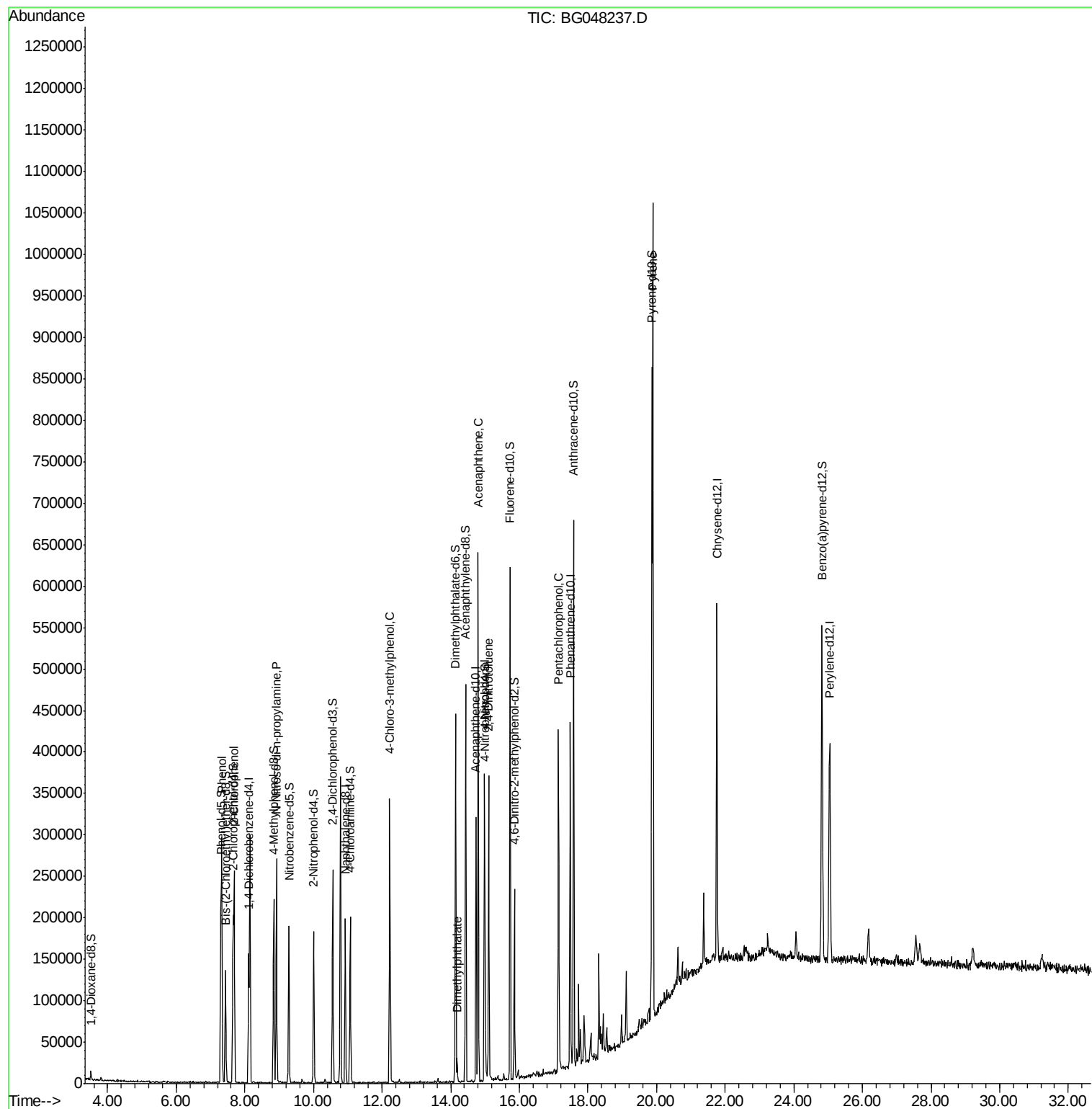
					Ovalue
6) Phenol	7.33	94	147134	41.099	ng/ul 96
10) 2-Chlorophenol	7.69	128	96367	37.426	ng/ul 91
15) N-Nitroso-di-n-propylamine	8.92	70	98796	40.161	ng/ul 98
33) 4-Chloro-3-methylphenol	12.23	107	115699	39.650	ng/ul 97
45) Dimethylphthalate	14.18	163	16297	1.931	ng/ul# 98
50) Acenaphthene	14.80	153	262116	39.121	ng/ul 96
53) 4-Nitrophenol	14.99	109	63391	40.469	ng/ul 95
55) 2,4-Dinitrotoluene	15.11	165	99138	38.878	ng/ul 94
69) Pentachlorophenol	17.14	266	80162	44.812	ng/ul 95
80) Pyrene	19.89	202	618727	36.634	ng/ul 98

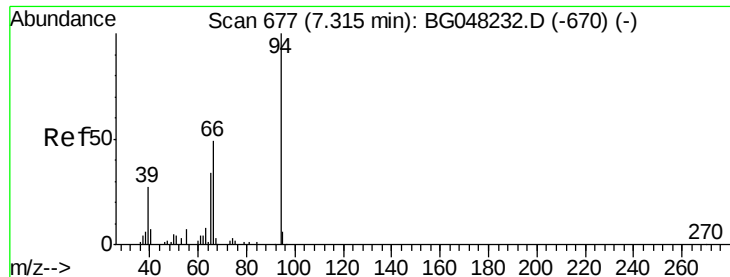
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 41.099 ng/ul

RT: 7.33 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG048237.D

Acq: 20 Feb 2021 15:03

Instrument :

BNA_G

ClientSampleId :

DBH16MSD

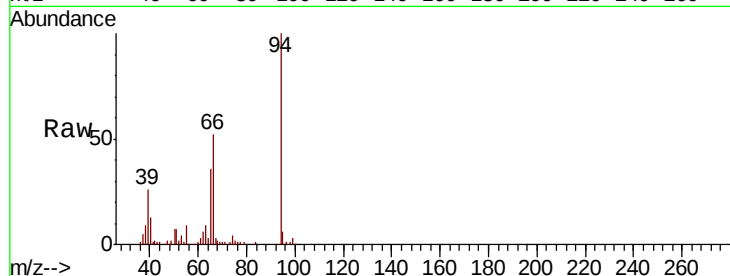
Tot Ion: 94 Resp: 147134

Ion Ratio Lower Upper

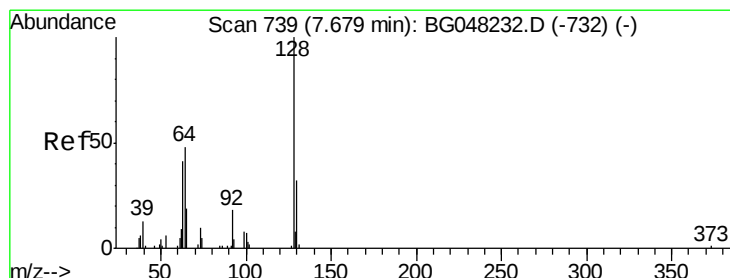
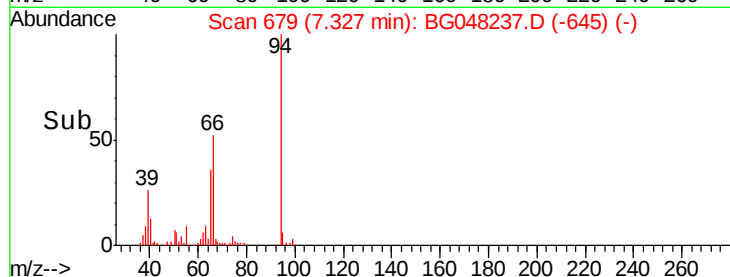
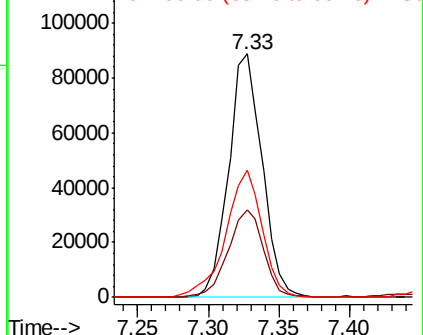
94 100

65 36.0 27.1 40.7

66 52.5 40.1 60.1



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



#10

2-Chlorophenol

Concen: 37.426 ng/ul

RT: 7.69 min Scan# 740

Delta R.T. 0.00 min

Lab File: BG048237.D

Acq: 20 Feb 2021 15:03

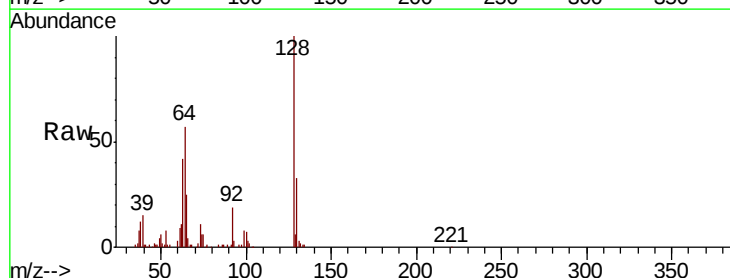
Tgt Ion: 128 Resp: 96367

Ion Ratio Lower Upper

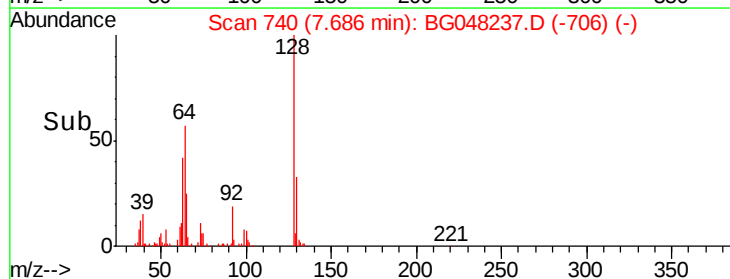
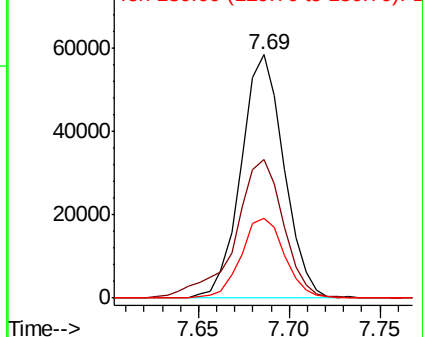
128 100

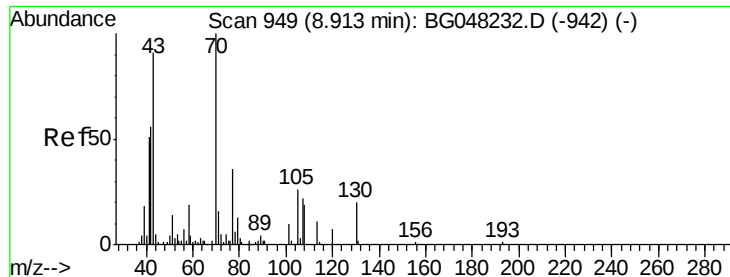
64 57.0 38.6 58.0

130 32.5 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#15

N-Nitroso-di-n-propylamine

Concen: 40.161 ng/ul

RT: 8.92 min Scan# 950

Delta R.T. 0.01 min

Lab File: BG048237.D

Acq: 20 Feb 2021 15:03

Instrument :

BNA_G

ClientSampleId :

DBH16MSD

Tot Ion: 70 Resp: 98796

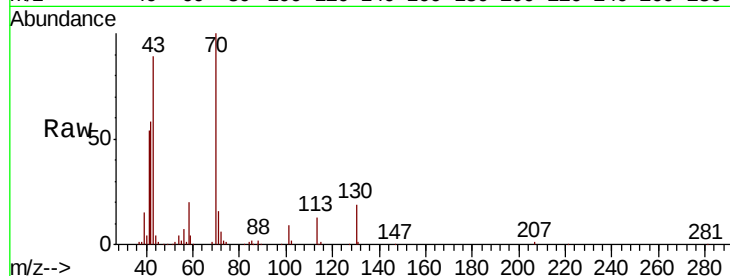
Ion Ratio Lower Upper

70 100

42 57.7 47.4 71.0

101 8.6 7.5 11.3

130 18.5 13.7 20.5

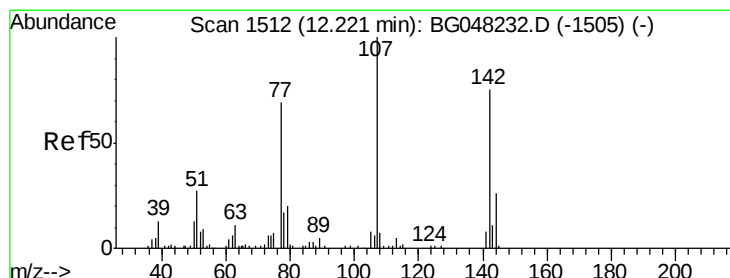
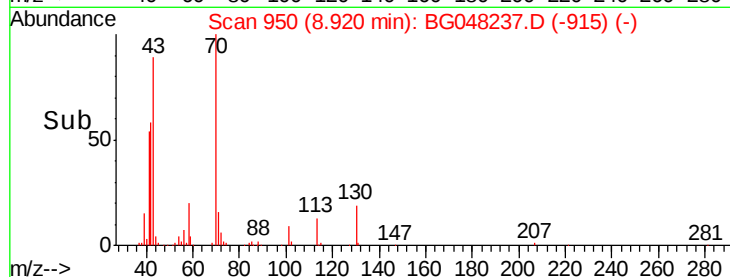
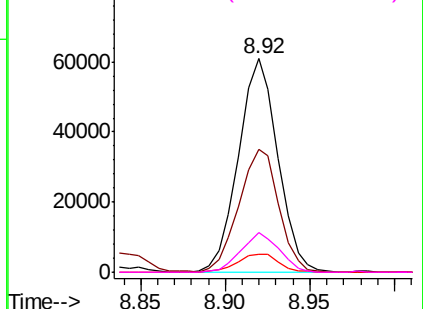


Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 39.650 ng/ul

RT: 12.23 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BG048237.D

Acq: 20 Feb 2021 15:03

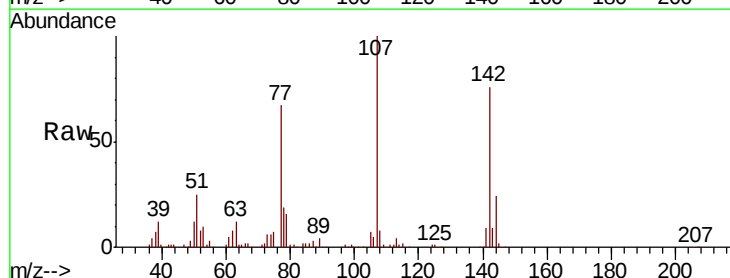
Tgt Ion: 107 Resp: 115699

Ion Ratio Lower Upper

107 100

144 24.4 23.0 34.4

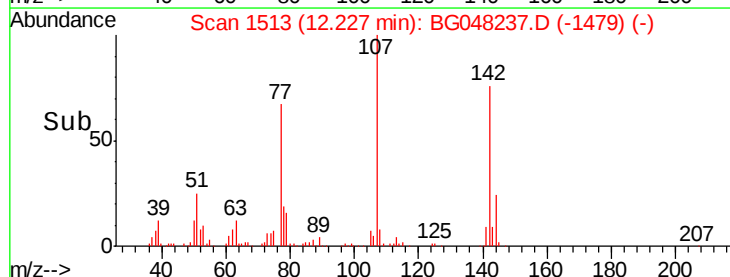
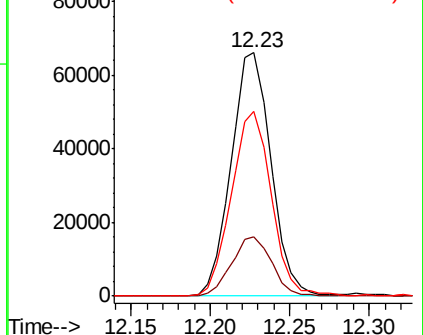
142 75.8 59.8 89.6

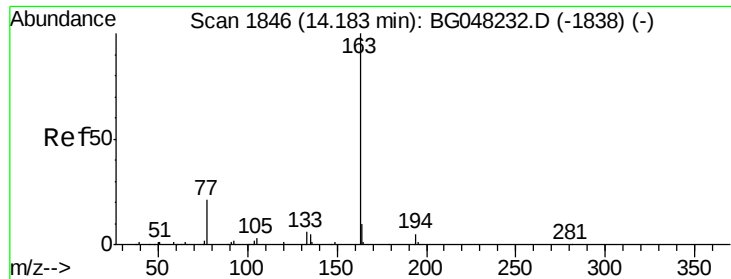


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 1.931 ng/ul

RT: 14.18 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BG048237.D

Acq: 20 Feb 2021 15:03

Instrument :

BNA_G

ClientSampleId :

DBH16MSD

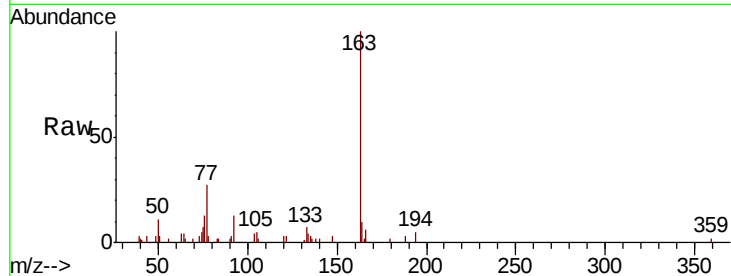
Tot Ion:163 Resp: 16297

Ion Ratio Lower Upper

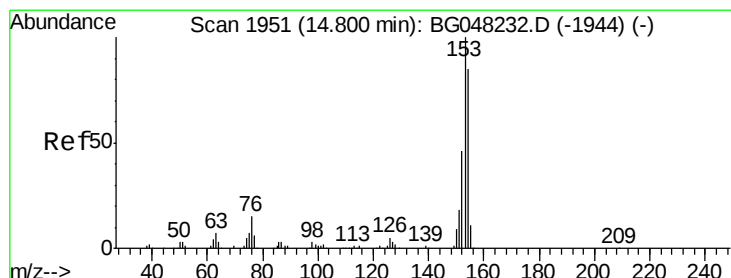
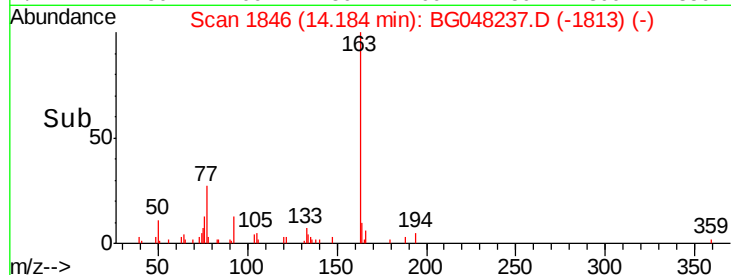
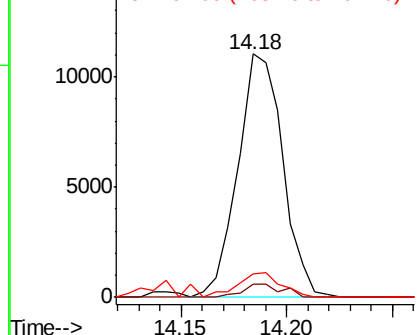
163 100

194 5.5 3.3 4.9#

164 9.9 8.3 12.5



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



#50

Acenaphthene

Concen: 39.121 ng/ul

RT: 14.80 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG048237.D

Acq: 20 Feb 2021 15:03

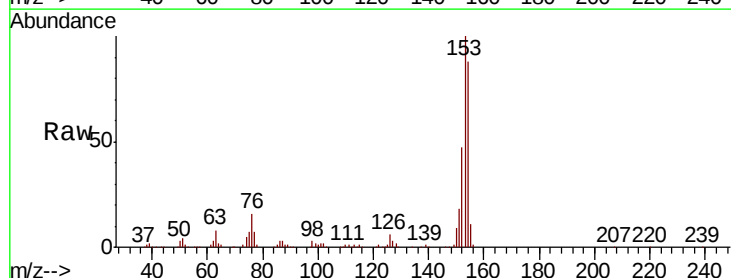
Tgt Ion:153 Resp: 262116

Ion Ratio Lower Upper

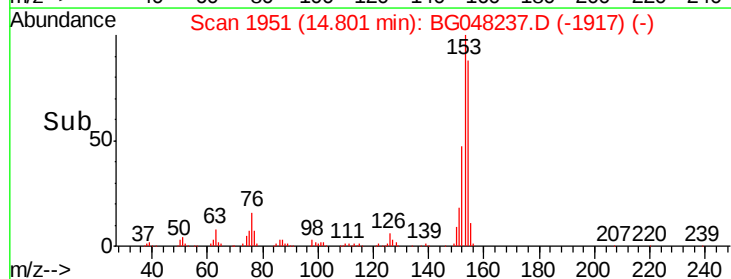
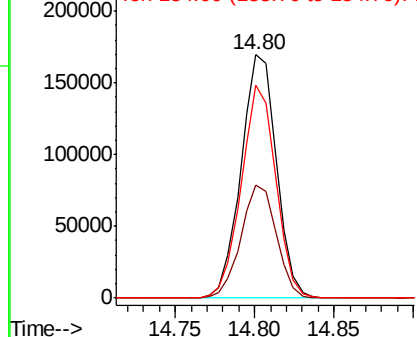
153 100

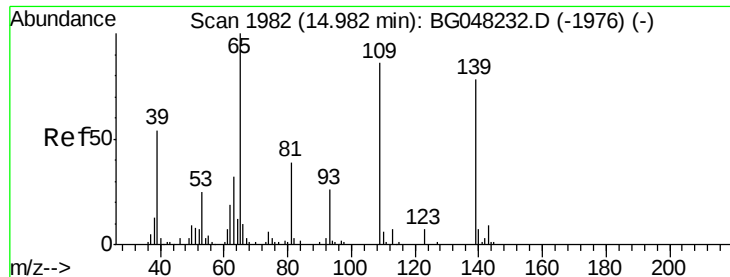
152 46.7 39.0 58.6

154 87.6 67.0 100.4



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





#53

4-Nitrophenol

Concen: 40.469 ng/ul

RT: 14.99 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BG048237.D

Acq: 20 Feb 2021 15:03

Instrument :

BNA_G

ClientSampleId :

DBH16MSD

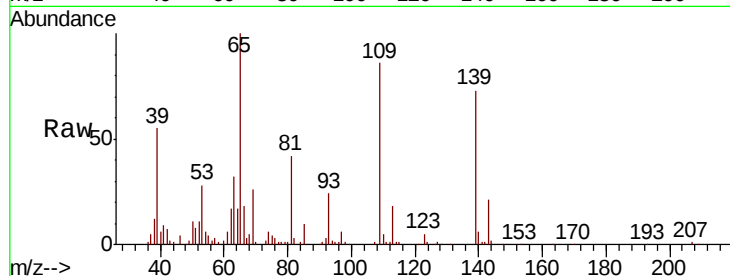
Tot Ion:109 Resp: 63391

Ion Ratio Lower Upper

109 100

139 84.7 61.7 92.5

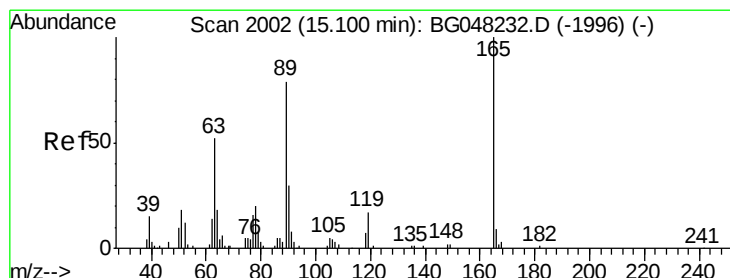
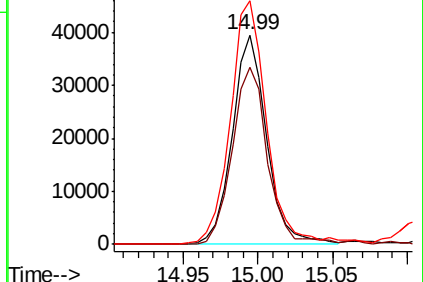
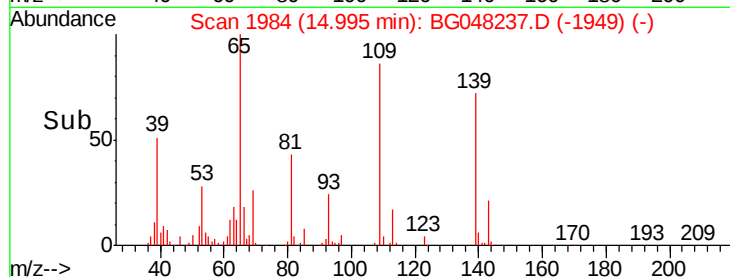
65 116.4 91.0 136.6



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



#55

2,4-Dinitrotoluene

Concen: 38.878 ng/ul

RT: 15.11 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG048237.D

Acq: 20 Feb 2021 15:03

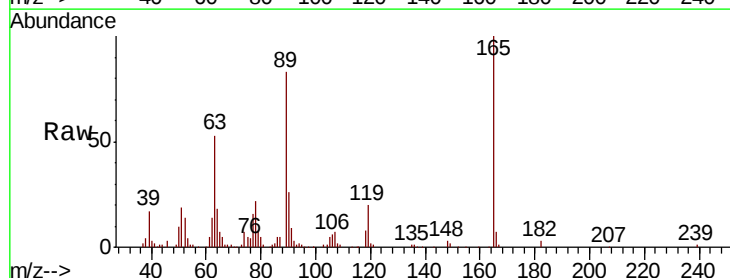
Tgt Ion:165 Resp: 99138

Ion Ratio Lower Upper

165 100

63 53.3 39.2 58.8

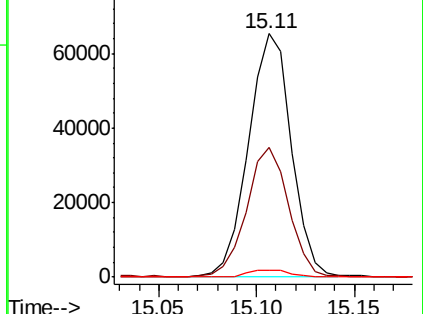
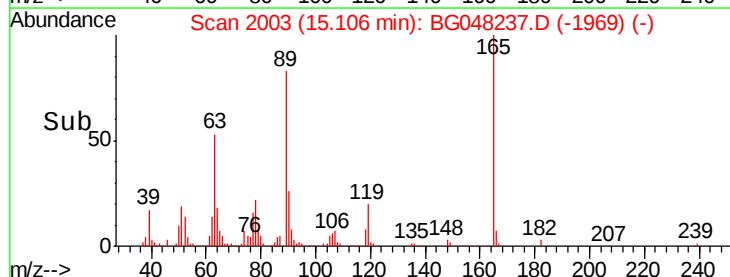
182 2.7 2.6 4.0

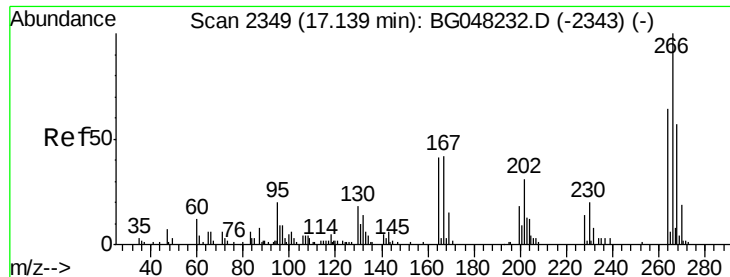


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 44.812 ng/ul

RT: 17.14 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BG048237.D

Acq: 20 Feb 2021 15:03

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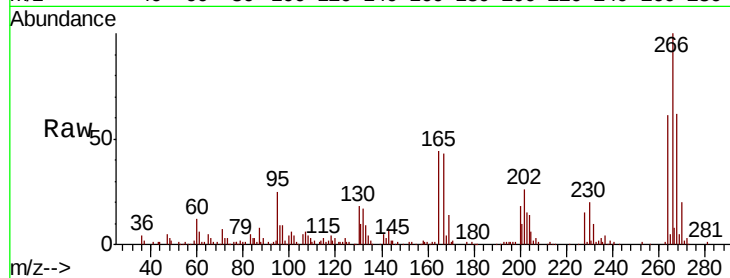
Tot Ion:266 Resp: 80162

Ion Ratio Lower Upper

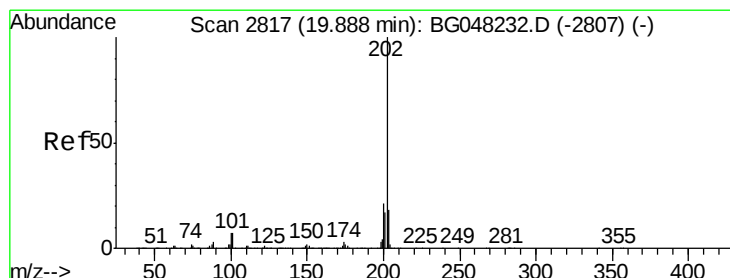
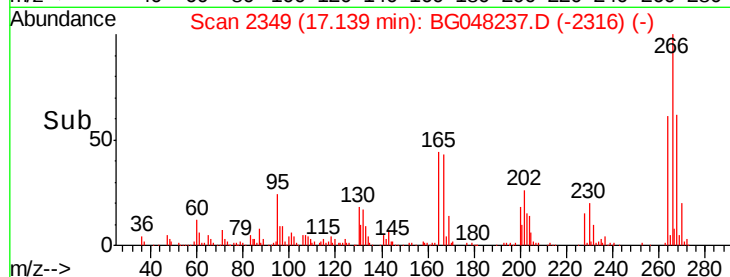
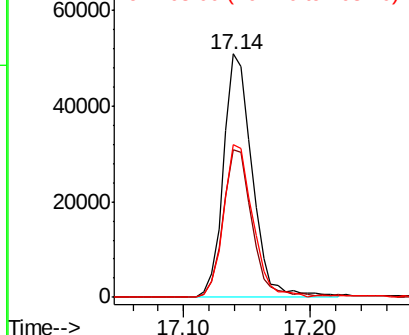
266 100

264 60.9 47.0 70.4

268 62.5 53.9 80.9



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



#80

Pyrene

Concen: 36.634 ng/ul

RT: 19.89 min Scan# 2818

Delta R.T. 0.01 min

Lab File: BG048237.D

Acq: 20 Feb 2021 15:03

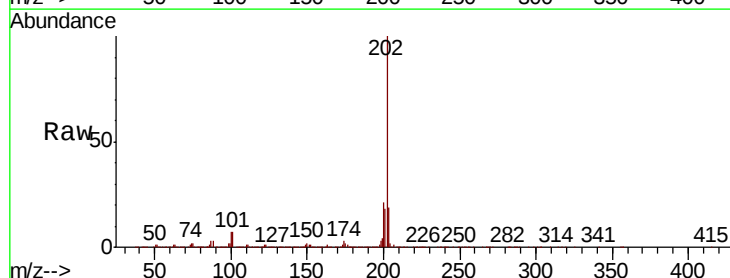
Tgt Ion:202 Resp: 618727

Ion Ratio Lower Upper

202 100

101 6.7 5.6 8.4

100 6.9 4.6 7.0



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

