

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
 Data File : BG048215.D
 Acq On : 19 Feb 2021 22:50
 Operator : CG/JU
 Sample : M1379-21MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBH16MSD

Quant Time: Feb 19 23:32:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 19 22:42:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	30679	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	123735	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	92948	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	245345	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	267144	20.00	ng/ul	-0.01
86) Perylene-d12	25.04	264	261850	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	4637	6.29	ng/uL	0.00
5) Phenol-d5	7.29	99	91522	35.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	61386	39.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	69992	38.57	ng/ul	-0.01
13) 4-Methylphenol-d8	8.83	113	68338	33.70	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	35130	38.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	44509	39.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	80728	36.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	90422	41.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	278033	40.38	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	327459	38.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	42609	36.42	ng/ul	-0.01
58) Fluorene-d10	15.72	176	250509	40.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	53996	35.90	ng/ul	0.00
71) Anthracene-d10	17.58	188	420296	39.96	ng/ul	0.00
79) Pyrene-d10	19.86	212	525071	39.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.81	264	533570	39.94	ng/ul	0.00

Target Compounds

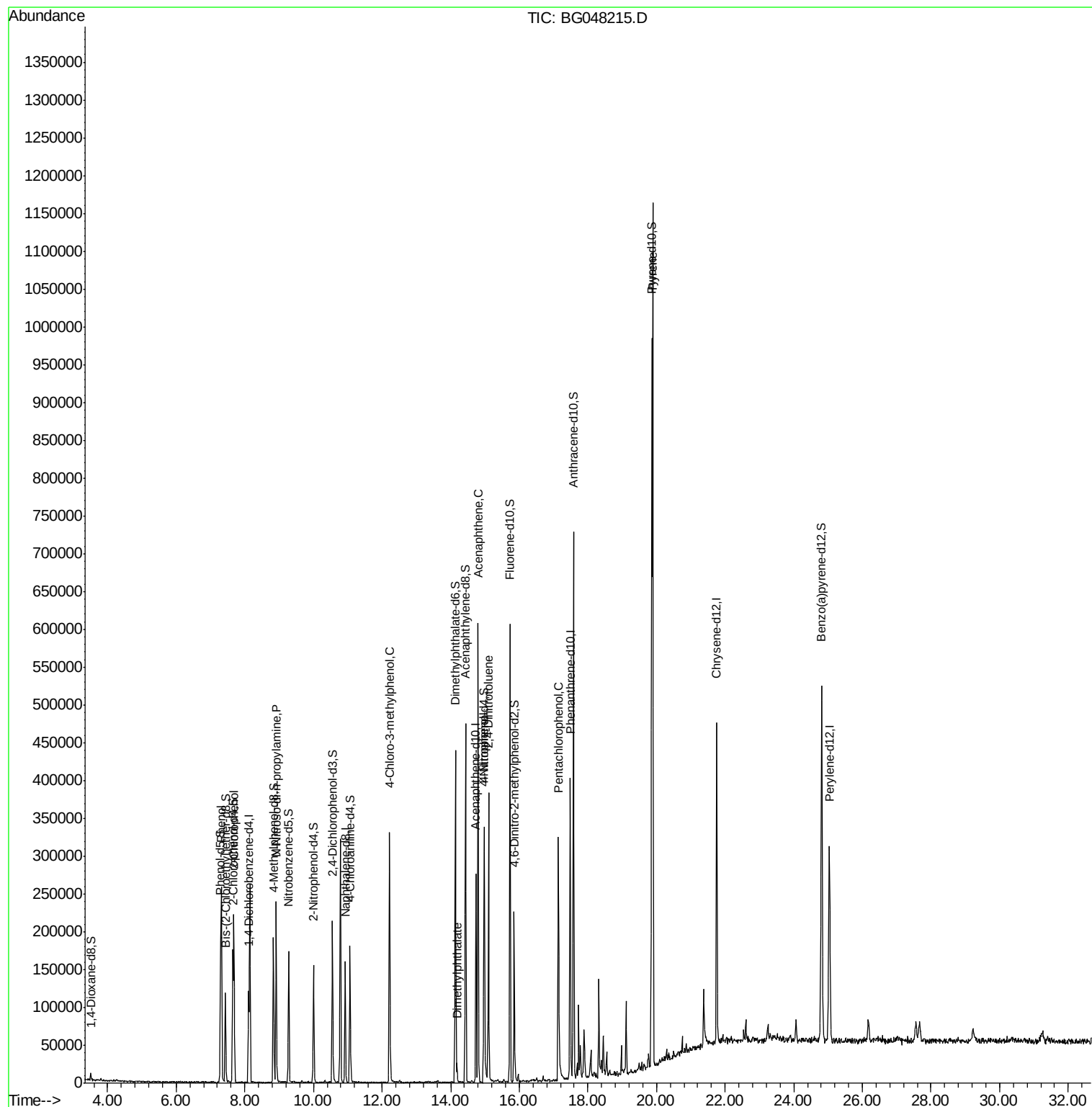
					Ovalue
6) Phenol	7.32	94	128138	48.014	ng/ul 96
10) 2-Chlorophenol	7.68	128	84802	44.179	ng/ul 91
15) N-Nitroso-di-n-propylamine	8.91	70	88212	48.103	ng/ul# 95
33) 4-Chloro-3-methylphenol	12.22	107	110303	47.565	ng/ul 97
45) Dimethylphthalate	14.18	163	15408	2.165	ng/ul 100
50) Acenaphthene	14.80	153	251638	44.543	ng/ul 97
53) 4-Nitrophenol	14.98	109	62110	47.027	ng/ul# 91
55) 2,4-Dinitrotoluene	15.10	165	103202	48.000	ng/ul 93
69) Pentachlorophenol	17.14	266	69070	40.241	ng/ul 95
80) Pyrene	19.89	202	720667	43.420	ng/ul 99

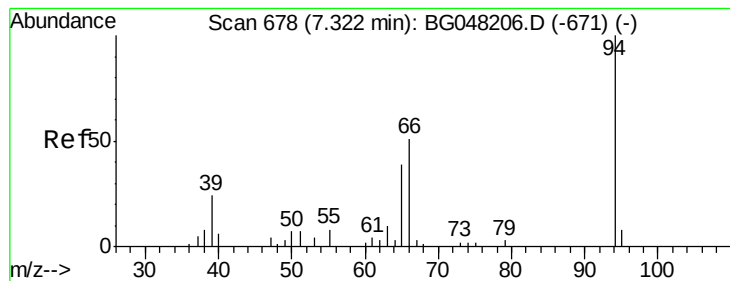
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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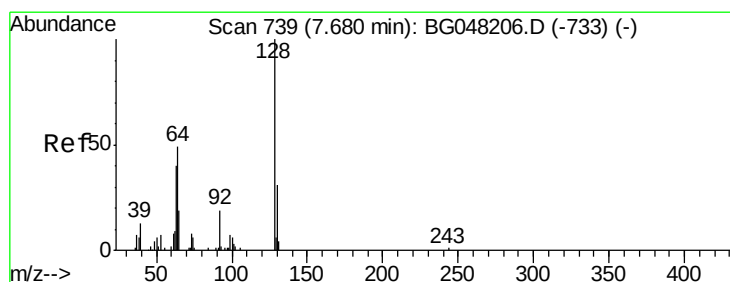
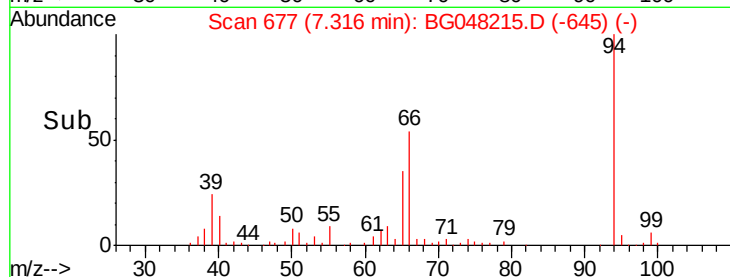
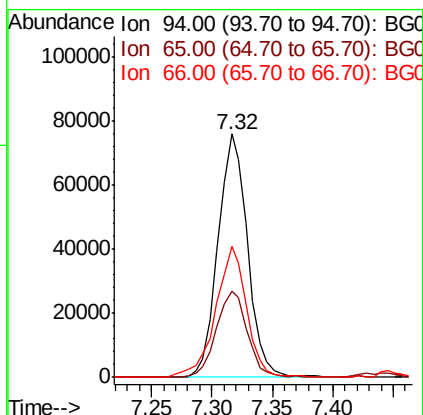
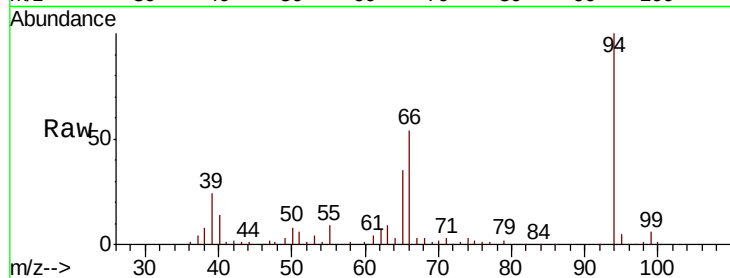
#6

Phenol

Concen: 48.014 ng/ul
 RT: 7.32 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BG048215.D
 Acq: 19 Feb 2021 22:50

Instrument :
 BNA_G
 ClientSampleId :
 DBH16MSD

Tot Ion: 94 Resp: 128138
 Ion Ratio Lower Upper
 94 100
 65 35.4 27.1 40.7
 66 53.7 40.1 60.1

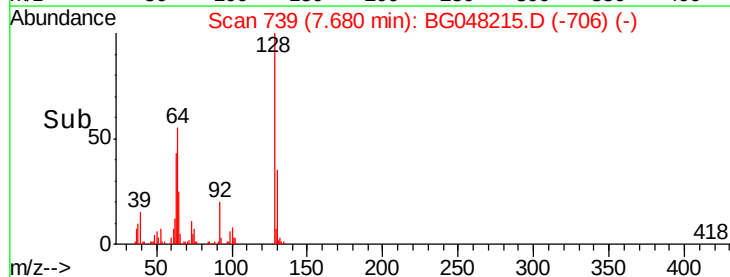
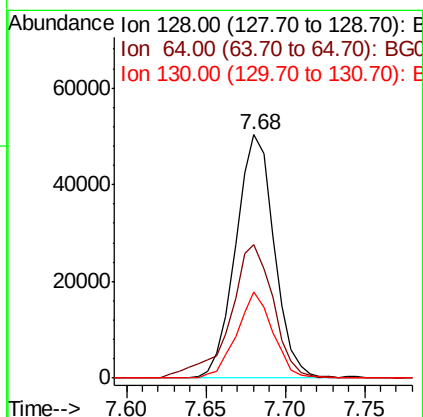
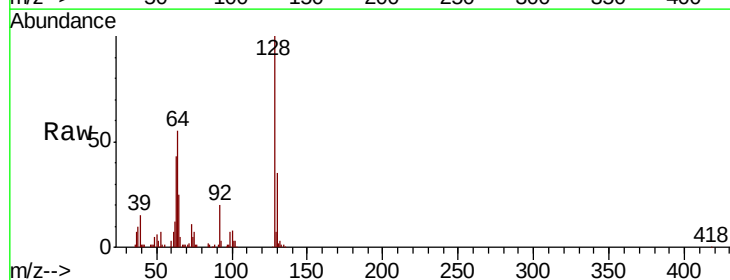


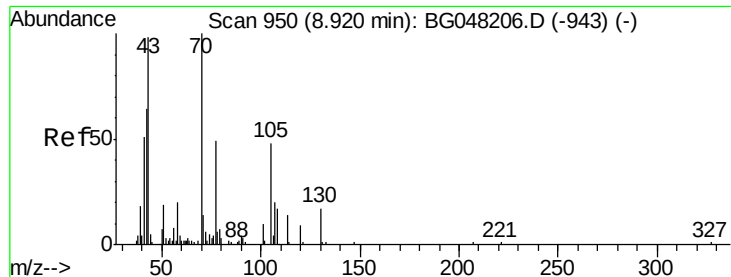
#10

2-Chlorophenol

Concen: 44.179 ng/ul
 RT: 7.68 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BG048215.D
 Acq: 19 Feb 2021 22:50

Tgt Ion: 128 Resp: 84802
 Ion Ratio Lower Upper
 128 100
 64 54.8 38.6 58.0
 130 35.2 24.4 36.6

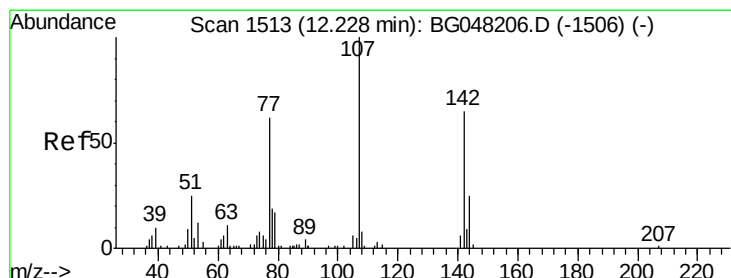
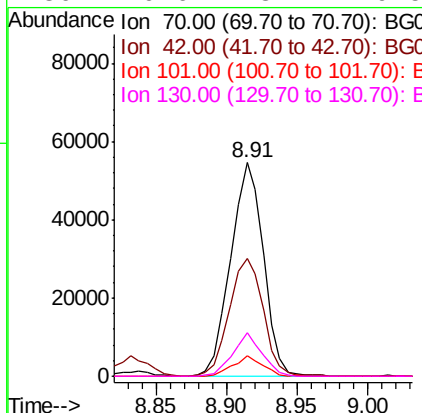
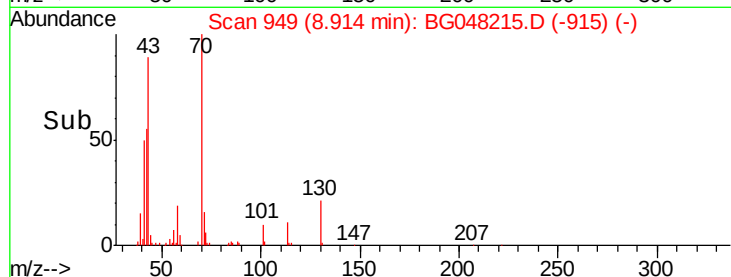
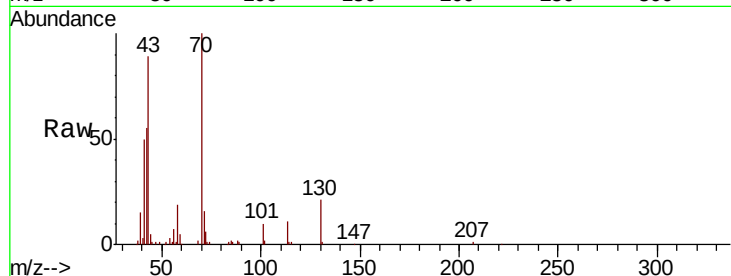




#15
N-Nitroso-di-n-propylamine
Concen: 48.103 ng/ul
RT: 8.91 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG048215.D
Acq: 19 Feb 2021 22:50

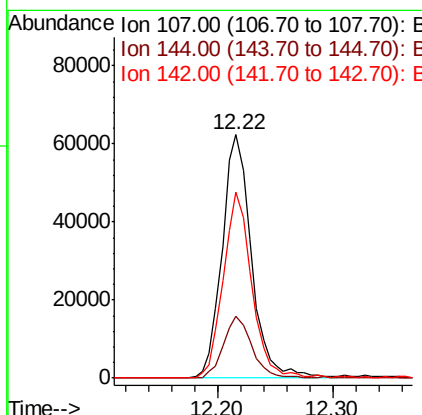
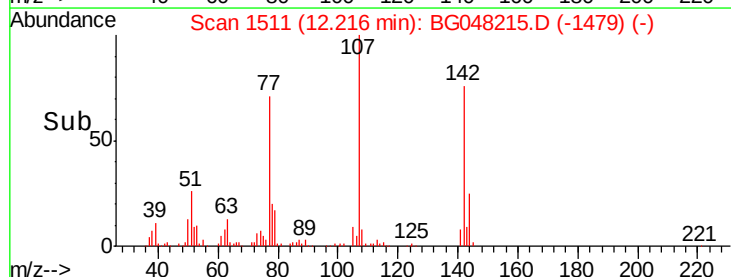
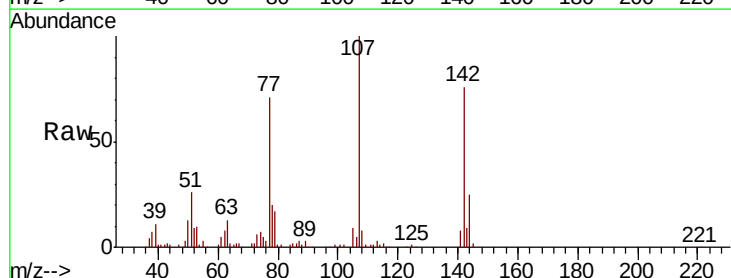
Instrument :
BNA_G
ClientSampleId :
DBH16MSD

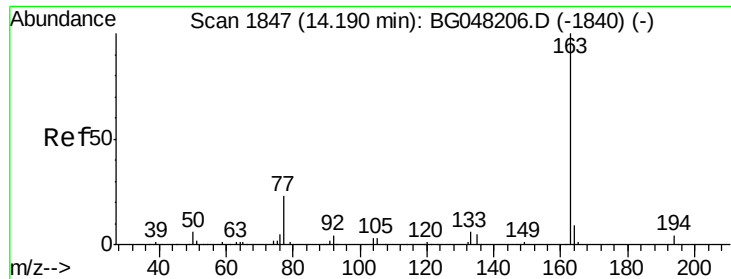
Tot Ion: 70 Resp: 88212
Ion Ratio Lower Upper
70 100
42 55.4 47.4 71.0
101 9.9 7.5 11.3
130 20.6 13.7 20.5#



#33
4-Chloro-3-methylphenol
Concen: 47.565 ng/ul
RT: 12.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BG048215.D
Acq: 19 Feb 2021 22:50

Tgt Ion: 107 Resp: 110303
Ion Ratio Lower Upper
107 100
144 25.5 23.0 34.4
142 76.2 59.8 89.6





#45

Dimethylphthalate

Concen: 2.165 ng/ul

RT: 14.18 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG048215.D

Acq: 19 Feb 2021 22:50

Instrument :

BNA_G

ClientSampleId :

DBH16MSD

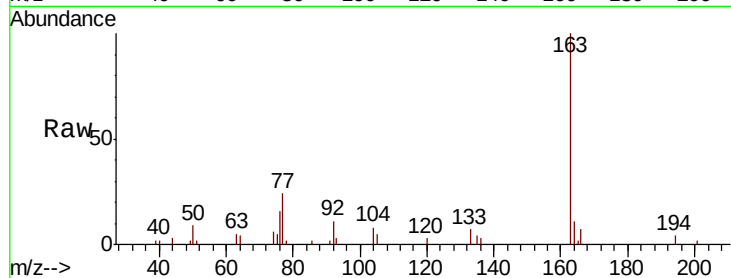
Tot Ion:163 Resp: 15408

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

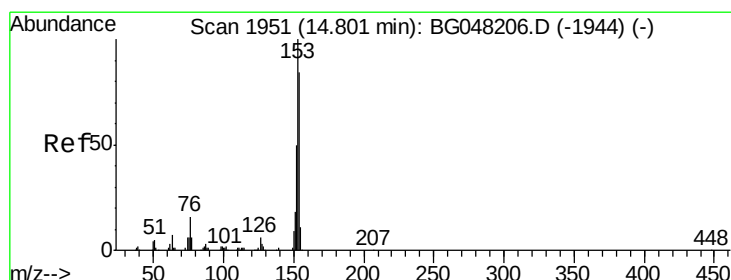
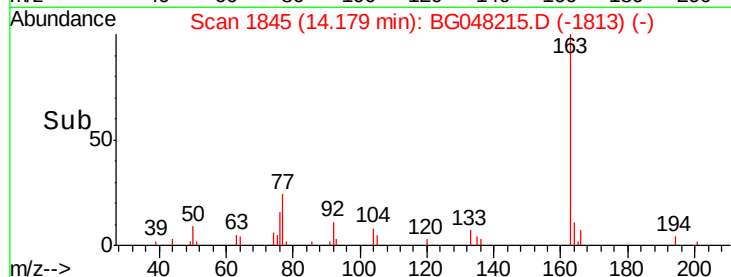
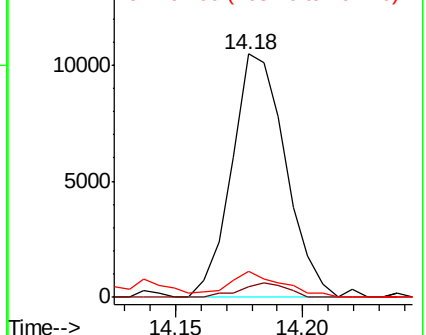
164 10.5 8.3 12.5



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: 44.543 ng/ul

RT: 14.80 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG048215.D

Acq: 19 Feb 2021 22:50

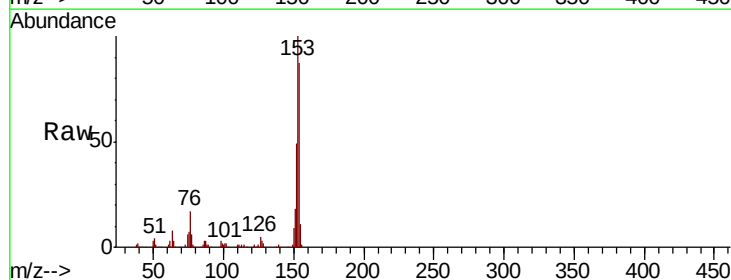
Tgt Ion:153 Resp: 251638

Ion Ratio Lower Upper

153 100

152 48.7 39.0 58.6

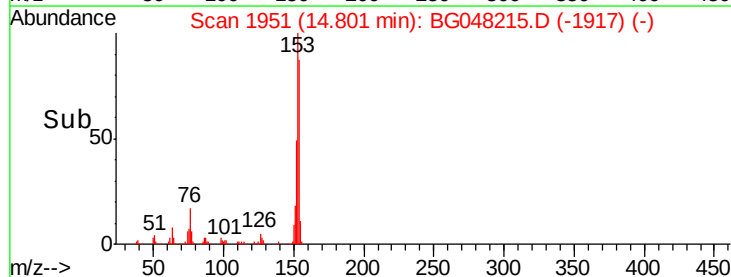
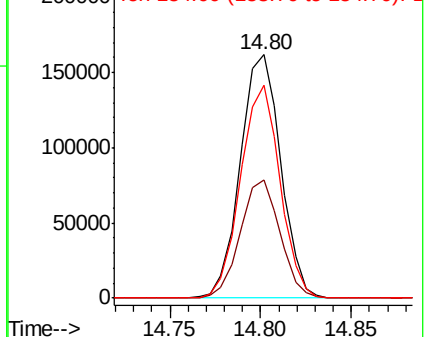
154 87.3 67.0 100.4

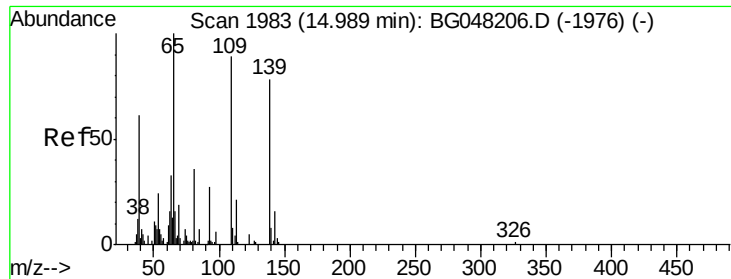


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 47.027 ng/ul

RT: 14.98 min Scan# 1982

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampleId :

DBH16MSD

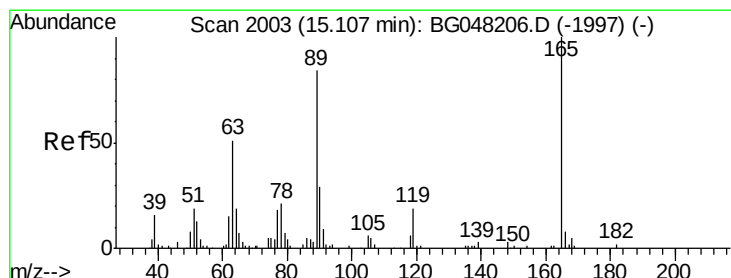
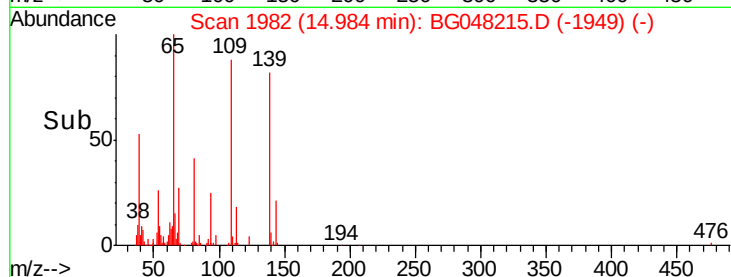
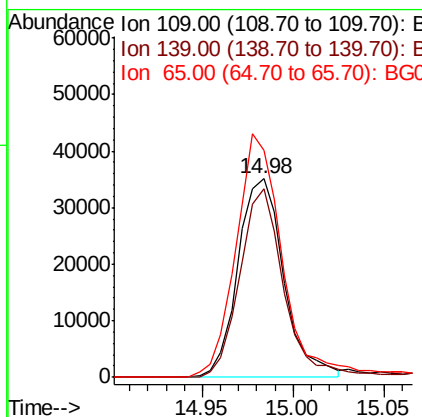
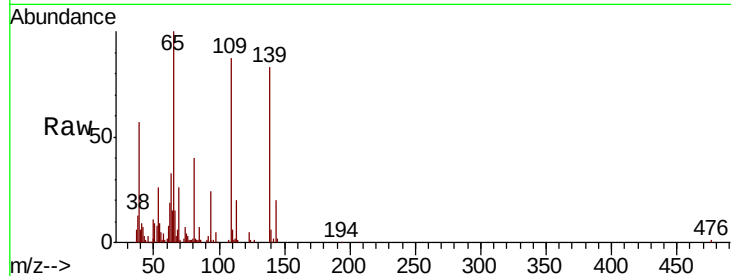
Tot Ion:109 Resp: 62110

Ion Ratio Lower Upper

109 100

139 94.7 61.7 92.5#

65 114.4 91.0 136.6



#55

2,4-Dinitrotoluene

Concen: 48.000 ng/ul

RT: 15.10 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG048215.D

Acq: 19 Feb 2021 22:50

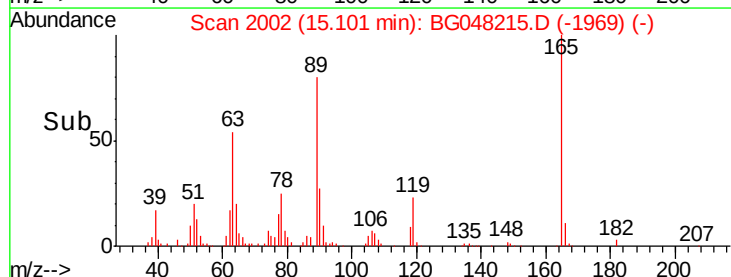
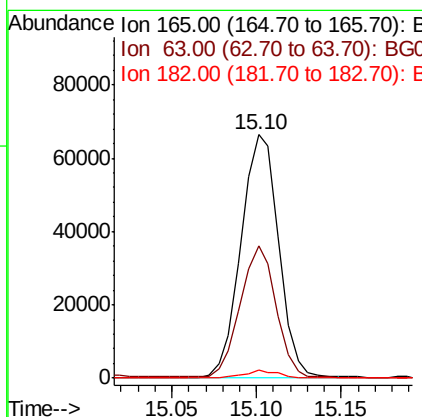
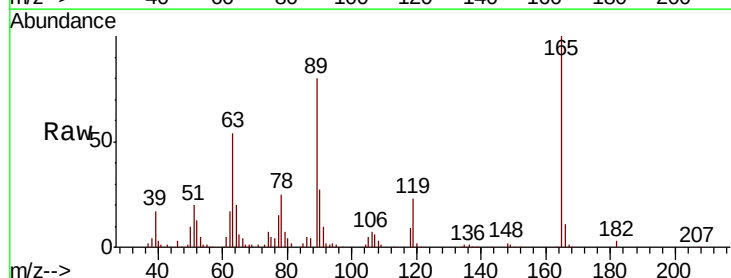
Tgt Ion:165 Resp: 103202

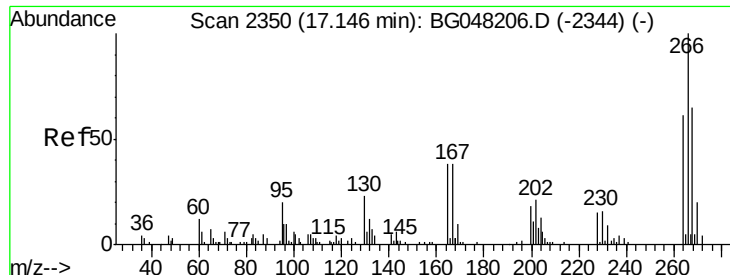
Ion Ratio Lower Upper

165 100

63 54.2 39.2 58.8

182 3.3 2.6 4.0

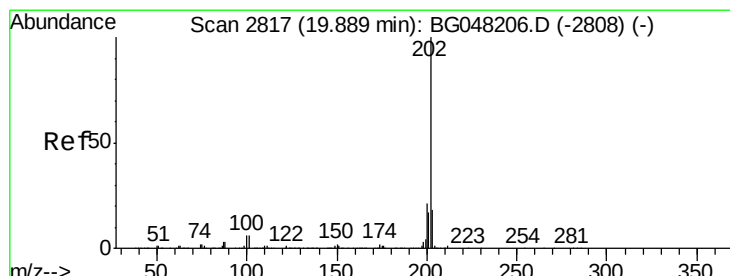
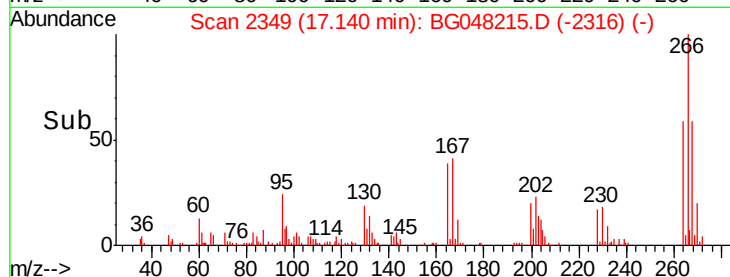
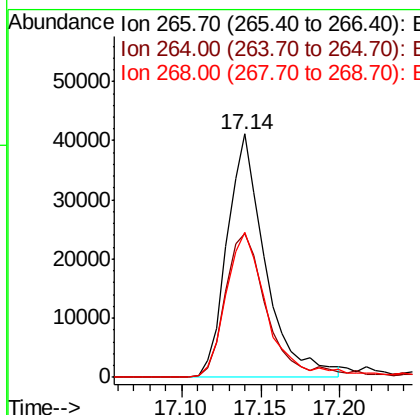
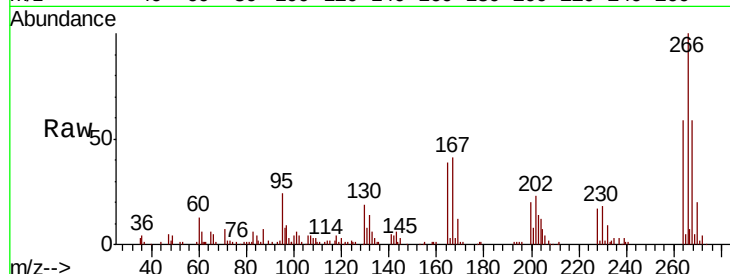




#69
 Pentachlorophenol
 Concen: 40.241 ng/ul
 RT: 17.14 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG048215.D
 Acq: 19 Feb 2021 22:50

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 DBH16MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	58.8	47.0	70.4
268	59.4	53.9	80.9



#80
 Pyrene
 Concen: 43.420 ng/ul
 RT: 19.89 min Scan# 2817
 Delta R.T. 0.00 min
 Lab File: BG048215.D
 Acq: 19 Feb 2021 22:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	5.6	8.4
100	6.5	4.6	7.0

