

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047658.D
 Acq On : 8 Dec 2020 21:35
 Operator : CG/JU
 Sample : L4921-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0FW4

Quant Time: Dec 09 01:13:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 08 17:39:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	9445	20.00	ng/ul	0.02
18) Naphthalene-d8	11.06	136	76005	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.84	164	59074	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	151146	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	160067	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	166897	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	2677	15.09	ng/uL	0.00
5) Phenol-d5	7.36	99	17305	21.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	41158	99.04	ng/ul	0.01
9) 2-Chlorophenol-d4	7.75	132	47118	76.86	ng/ul	0.01
13) 4-Methylphenol-d8	8.91	113	30308	47.24	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	30866	49.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	36750	49.20	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.66	165	65461	40.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	5323	3.57	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	213812	41.67	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	270821	46.21	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	7393	9.71	ng/ul	0.00
58) Fluorene-d10	15.82	176	206422	43.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	46307	45.26	ng/ul	0.00
71) Anthracene-d10	17.67	188	354702	47.05	ng/ul	0.00
79) Pyrene-d10	19.94	212	433217	45.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	447579	45.91	ng/ul	0.00

Target Compounds

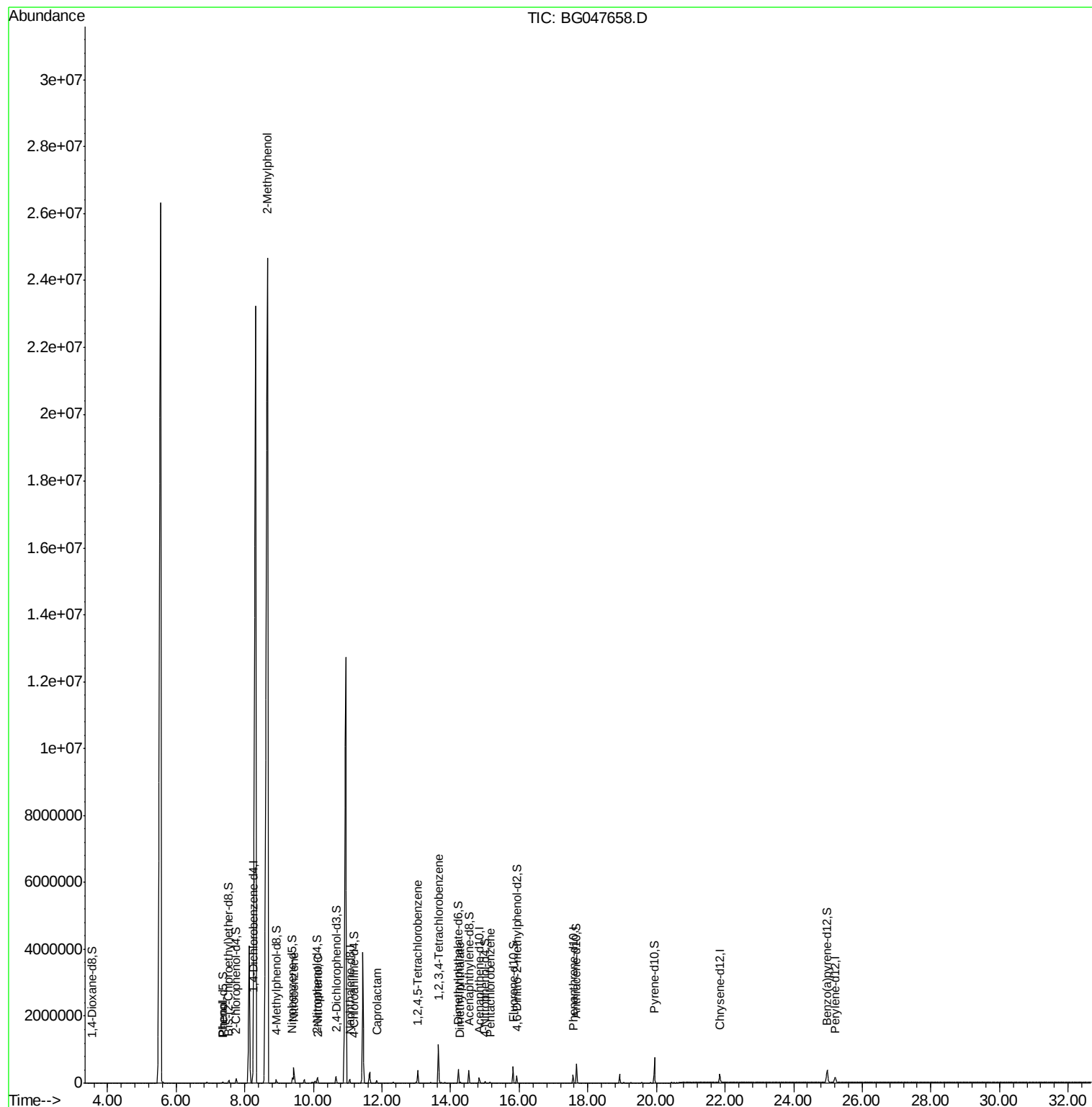
					Ovalue
6) Phenol	7.38	94	2488	3.258	ng/ul 90
11) 2-Methylphenol	8.67	108	277486	457.105	ng/ul 90
20) Nitrobenzene	9.43	77	253201	129.116	ng/ul 97
23) 2-Nitrophenol	10.14	139	2020	2.644	ng/ul# 62
32) Caprolactam	11.85	113	5247	11.355	ng/ul# 1
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	129487	55.157	ng/ul 97
45) Dimethylphthalate	14.27	163	8061	1.551	ng/ul# 85
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	354251	149.574	ng/uL 98
74) Pentachlorobenzene	15.15	250	8730	3.698	ng/uL# 86

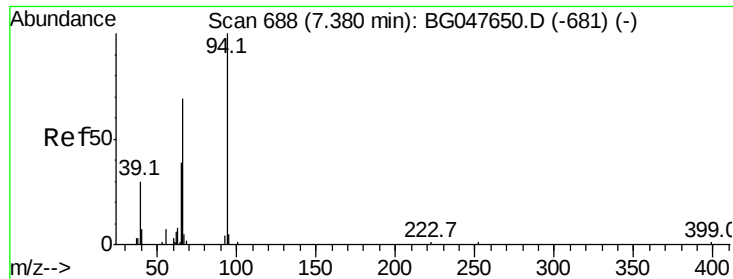
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.258 ng/ul

RT: 7.38 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG047658.D

Acq: 8 Dec 2020 21:35

Instrument :

BNA_G

ClientSampled :

C0FW4

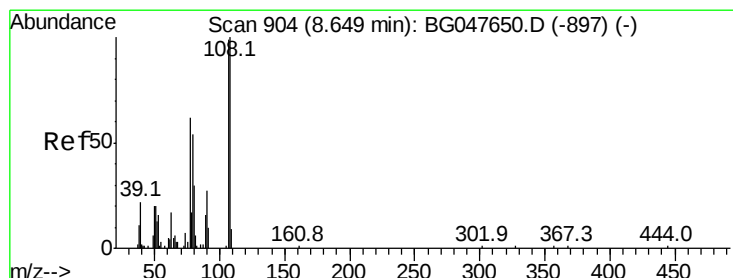
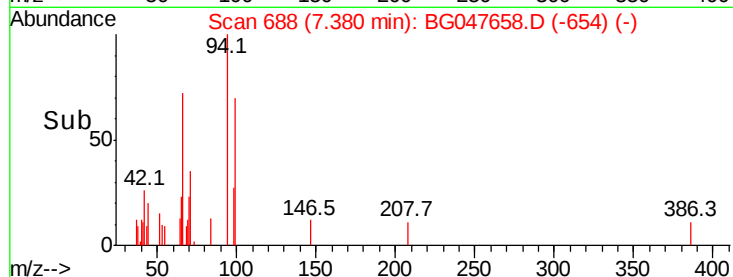
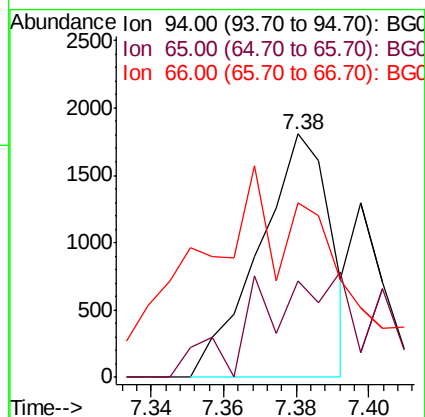
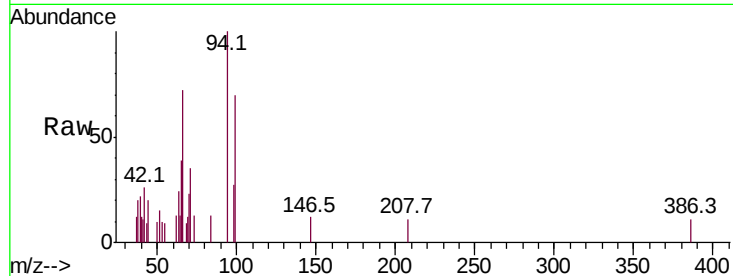
Tot Ion: 94 Resp: 2488

Ion Ratio Lower Upper

94 100

65 39.4 35.9 53.9

66 71.5 50.1 75.1



#11

2-Methylphenol

Concen: 457.105 ng/ul

RT: 8.67 min Scan# 907

Delta R.T. 0.02 min

Lab File: BG047658.D

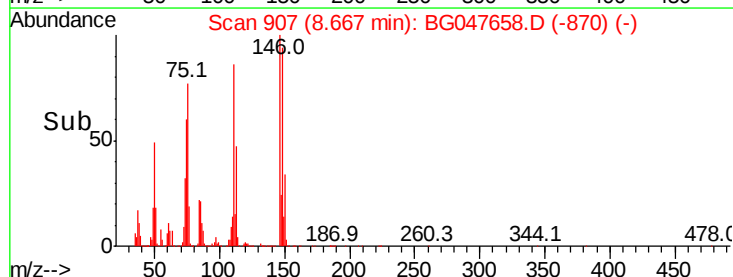
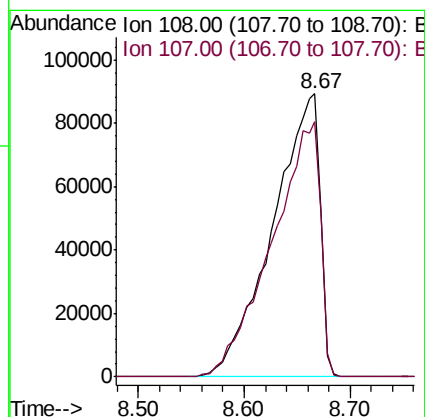
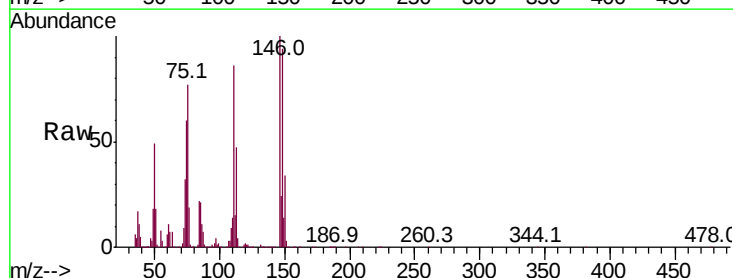
Acq: 8 Dec 2020 21:35

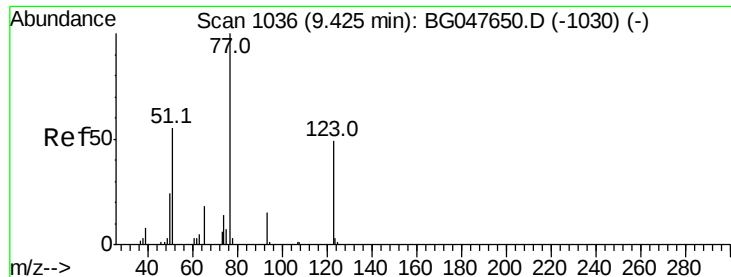
Tgt Ion:108 Resp: 277486

Ion Ratio Lower Upper

108 100

107 90.3 64.8 97.2

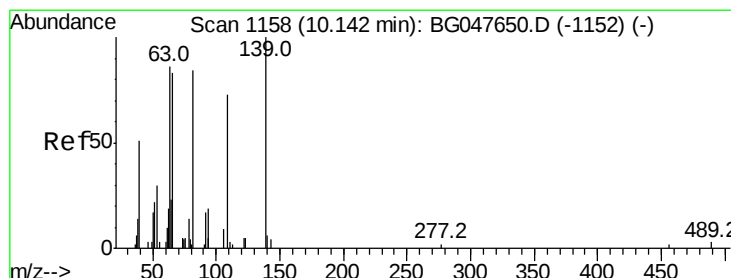
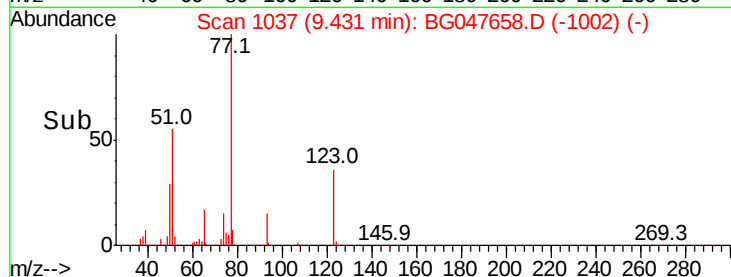
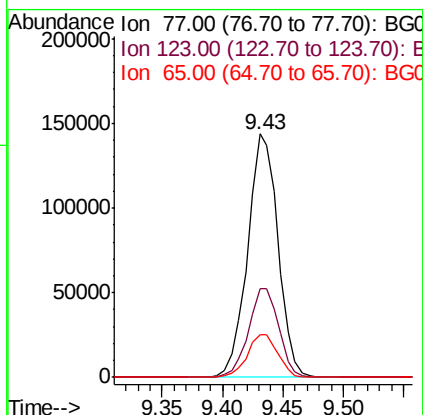
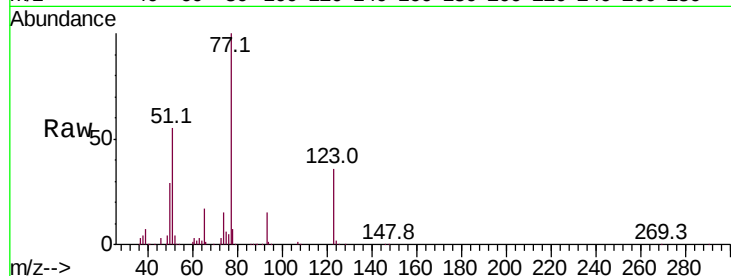




#20
Nitrobenzene
Concen: 129.116 ng/ul
RT: 9.43 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG047658.D
Acq: 8 Dec 2020 21:35

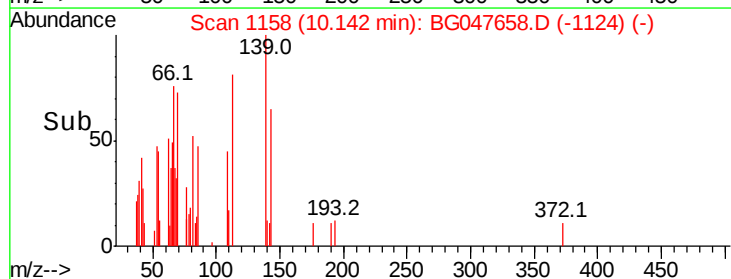
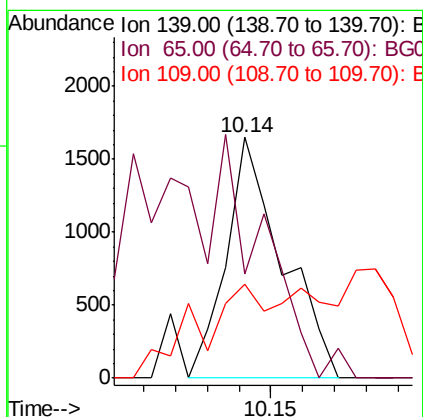
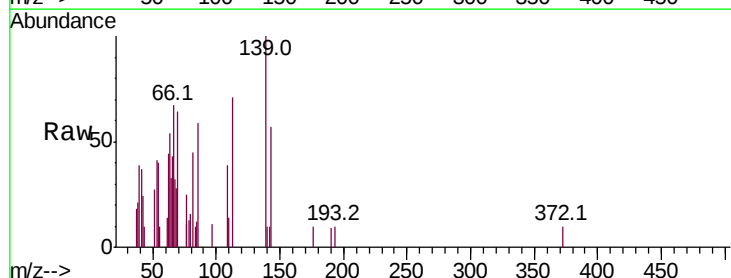
Instrument :
BNA_G
ClientSampleId :
C0FW4

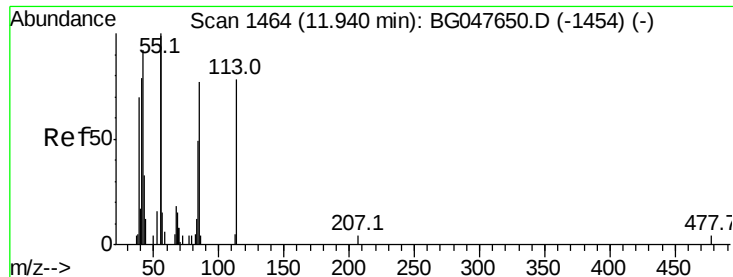
Tot Ion	Ratio	Lower	Upper
77	100		
123	36.4	28.5	42.7
65	17.5	12.2	18.2



#23
2-Nitrophenol
Concen: 2.644 ng/ul
RT: 10.14 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG047658.D
Acq: 8 Dec 2020 21:35

Tgt Ion	Ratio	Lower	Upper
139	100		
65	43.1	63.4	95.0#
109	38.9	53.0	79.6#





#32

Caprolactam

Concen: 11.355 ng/ul

RT: 11.85 min Scan# 1448

Delta R.T. -0.09 min

Lab File: BG047658.D

Acq: 8 Dec 2020 21:35

Instrument :

BNA_G

ClientSampleId :

C0FW4

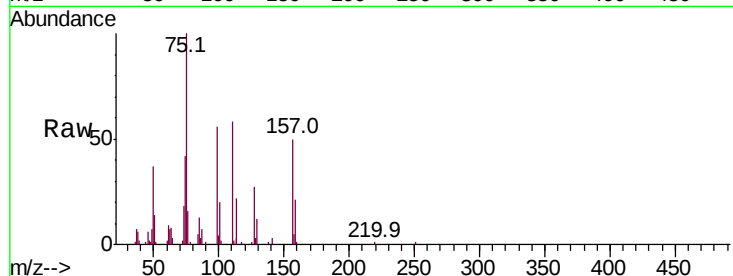
Tot Ion:113 Resp: 5247

Ion Ratio Lower Upper

113 100

55 0.0 91.9 137.9#

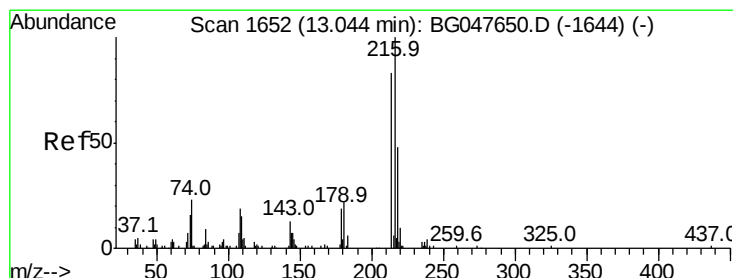
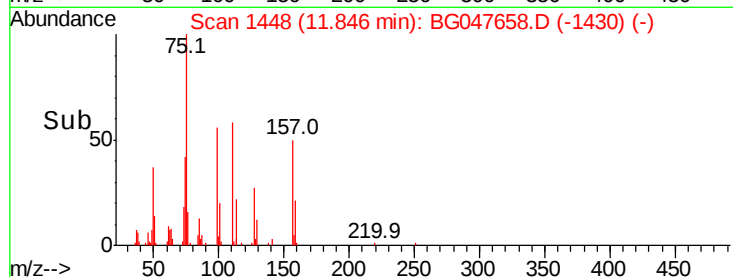
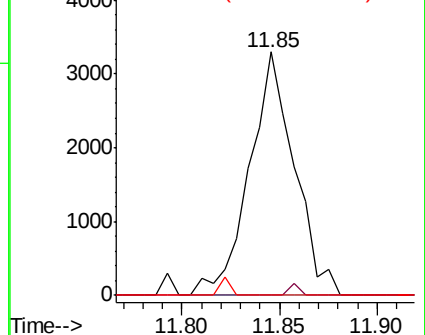
56 0.0 87.1 130.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#37

1,2,4,5-Tetrachlorobenzene

Concen: 55.157 ng/ul

RT: 13.04 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG047658.D

Acq: 8 Dec 2020 21:35

Tgt Ion:216 Resp: 129487

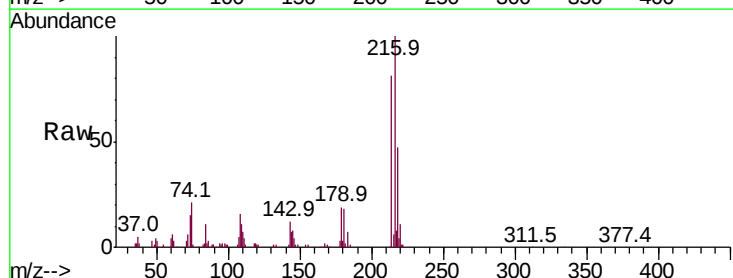
Ion Ratio Lower Upper

216 100

214 80.9 62.5 93.7

179 19.3 15.0 22.6

108 15.5 14.5 21.7

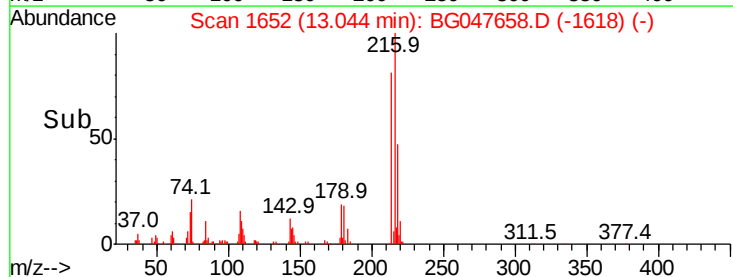
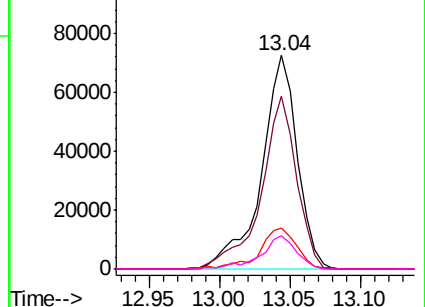


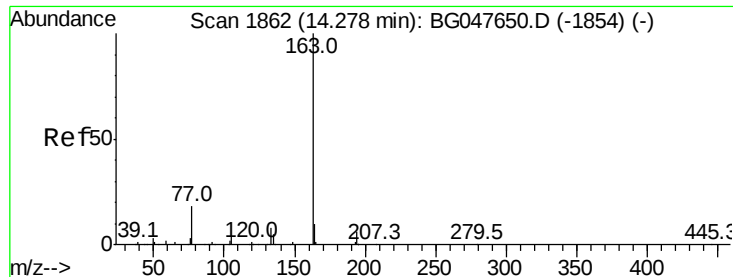
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

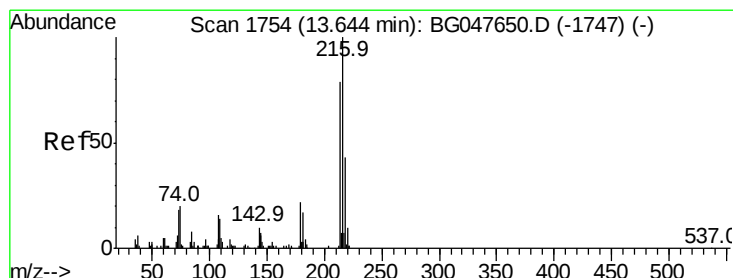
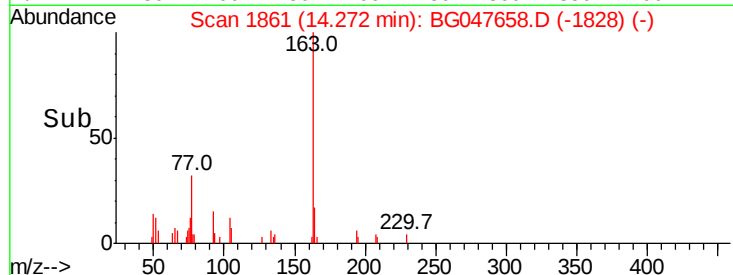
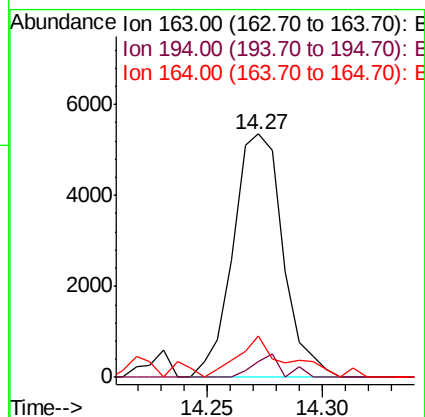
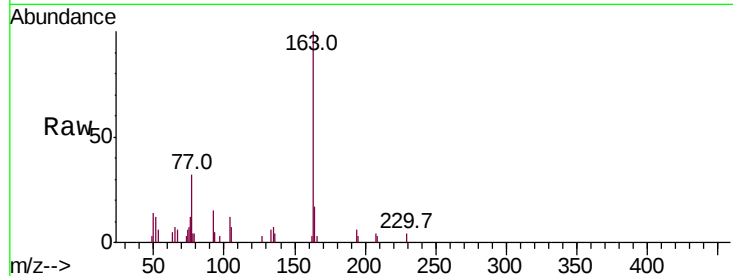




#45
Dimethylphthalate
Concen: 1.551 ng/ul
RT: 14.27 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG047658.D
Acq: 8 Dec 2020 21:35

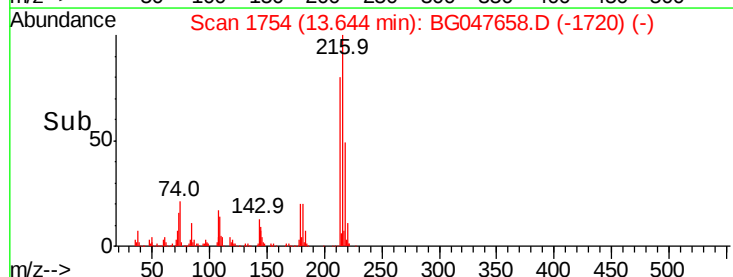
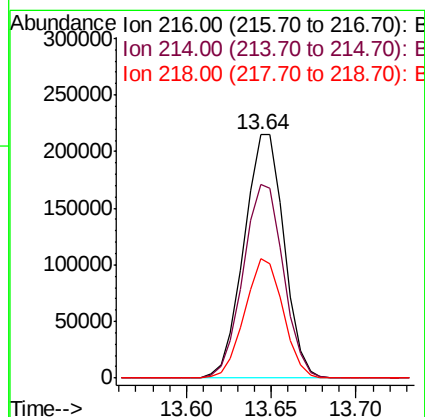
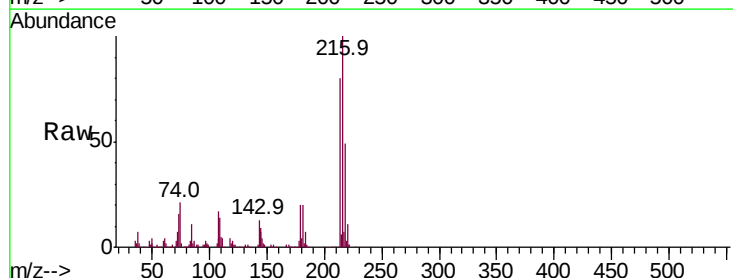
Instrument :
BNA_G
ClientSampleId :
C0FW4

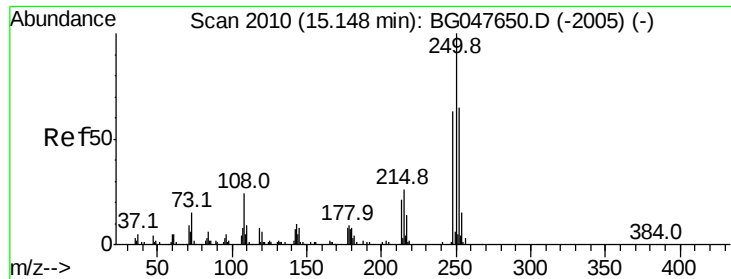
Tot Ion:163 Resp: 8061
Ion Ratio Lower Upper
163 100
194 6.2 3.9 5.9#
164 17.0 7.4 11.2#



#73
1,2,3,4-Tetrachlorobenzene
Concen: 149.574 ng/uL
RT: 13.64 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG047658.D
Acq: 8 Dec 2020 21:35

Tgt Ion:216 Resp: 354251
Ion Ratio Lower Upper
216 100
214 79.6 61.7 92.5
218 49.1 39.3 58.9





#74
 Pentachlorobenzene
 Concen: 3.698 ng/uL
 RT: 15.15 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BG047658.D
 Acq: 8 Dec 2020 21:35

Instrument :
 BNA_G
 ClientSampleId :
 C0FW4

Tot Ion	Ratio	Lower	Upper
250	100		
248	69.6	51.4	77.0
252	55.1	57.4	86.0

