

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047655.D
 Acq On : 8 Dec 2020 19:34
 Operator : CG/JU
 Sample : L4921-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 09 01:13:30 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	8.22	152	21431	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	83370	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	68855	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	185899	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	193848	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	198610	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	2493	6.19	ng/uL	0.00
5) Phenol-d5	7.35	99	7090	3.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	26482	28.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	35002	25.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	21414	14.71	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	20194	29.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	23730	28.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	45602	25.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	4410	2.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	189753	31.73	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	216523	31.70	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	8435	9.51	ng/ul	0.00
58) Fluorene-d10	15.82	176	174116	31.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	47120	37.45	ng/ul	0.00
71) Anthracene-d10	17.57	188	185899	20.05	ng/ul	-0.10
79) Pyrene-d10	19.94	212	450724	39.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	442947	38.18	ng/ul	0.00

Target Compounds

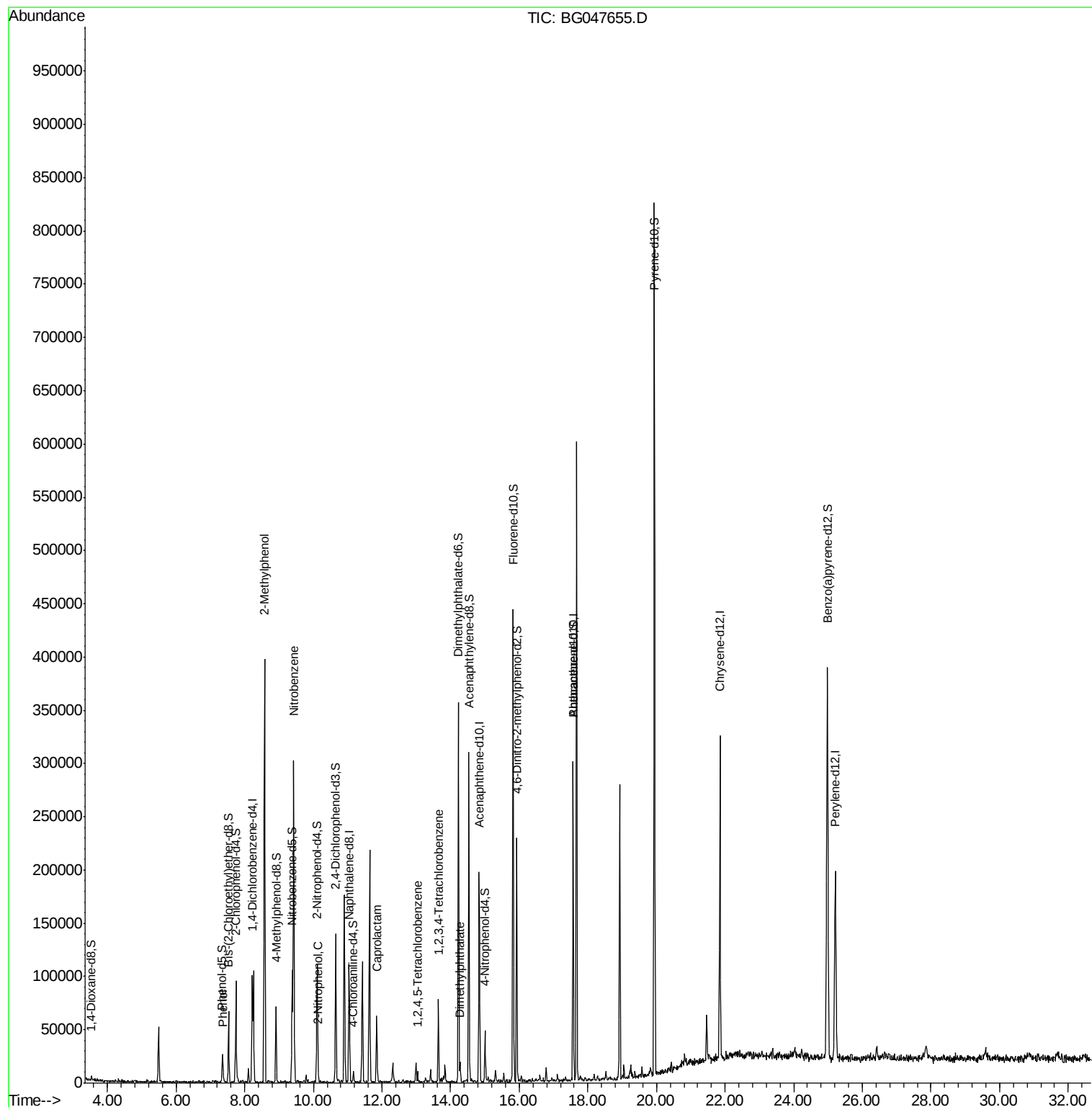
					Ovalue	
6) Phenol	7.38	94	2184	1.260	ng/ul#	83
11) 2-Methylphenol	8.57	108	2139	1.553	ng/ul#	45
20) Nitrobenzene	9.43	77	156735	72.864	ng/ul#	94
23) 2-Nitrophenol	10.14	139	1458	1.740	ng/ul	91
32) Caprolactam	11.84	113	4121	8.130	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	2830	1.034	ng/ul#	80
45) Dimethylphthalate	14.27	163	8759	1.446	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	20686	7.101	ng/uL	89

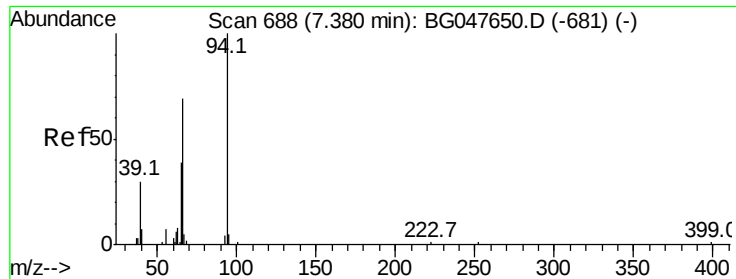
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.260 ng/ul

RT: 7.38 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG047655.D

Acq: 8 Dec 2020 19:34

Instrument :

BNA_G

ClientSampleId :

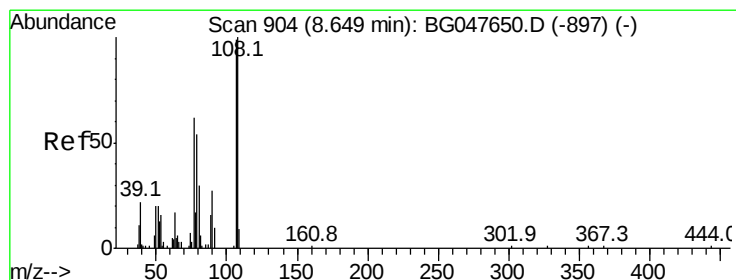
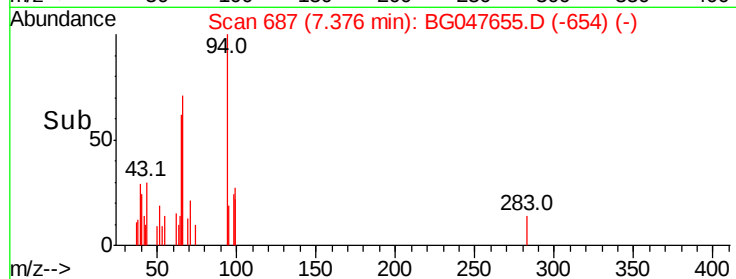
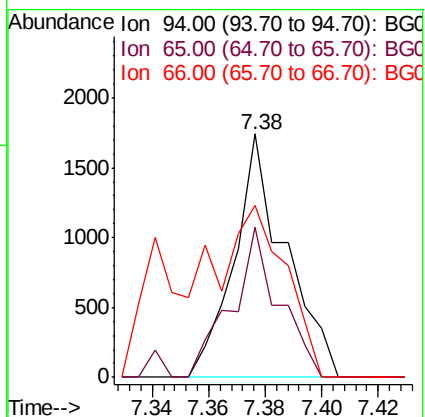
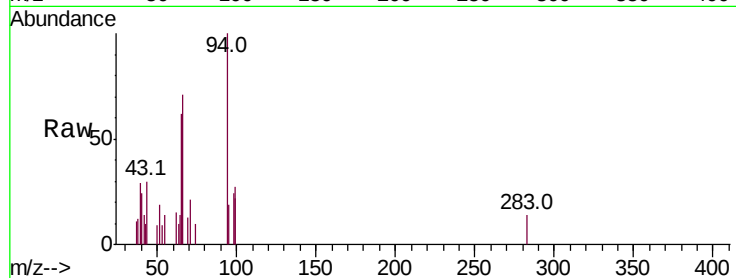
Tot Ion: 94 Resp: 2184

Ion Ratio Lower Upper

94 100

65 61.8 35.9 53.9#

66 70.5 50.1 75.1



#11

2-Methylphenol

Concen: 1.553 ng/ul

RT: 8.57 min Scan# 890

Delta R.T. -0.08 min

Lab File: BG047655.D

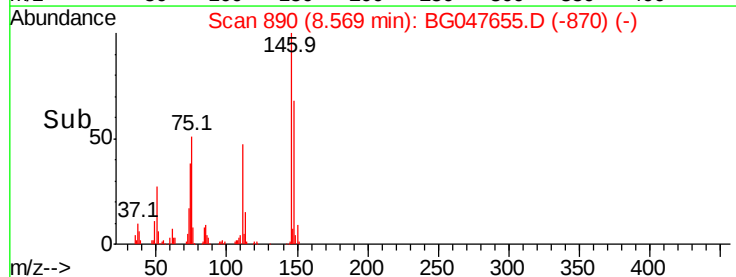
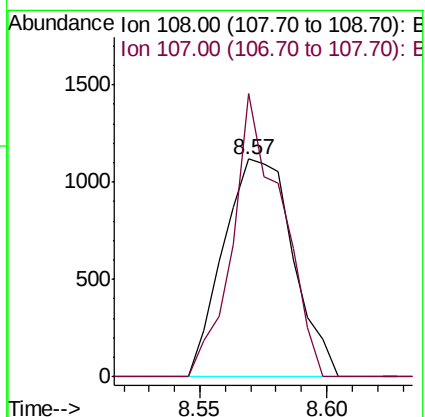
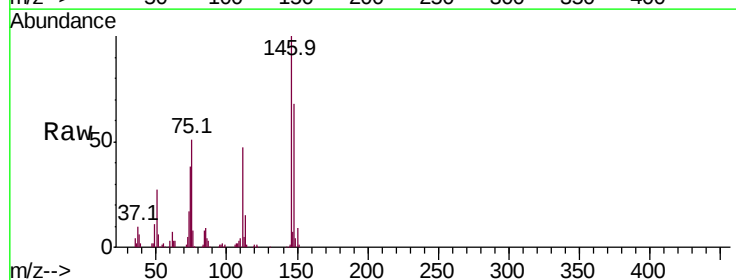
Acq: 8 Dec 2020 19:34

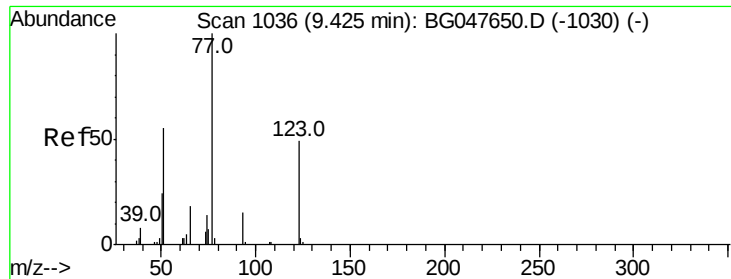
Tgt Ion: 108 Resp: 2139

Ion Ratio Lower Upper

108 100

107 130.0 64.8 97.2#

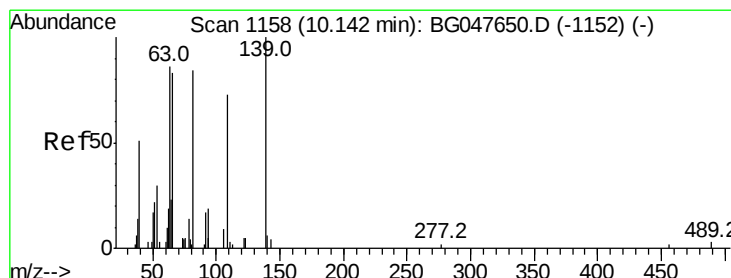
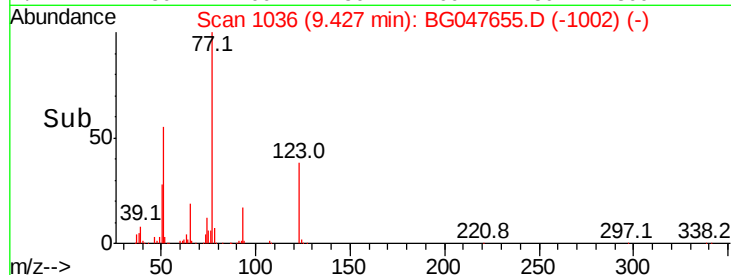
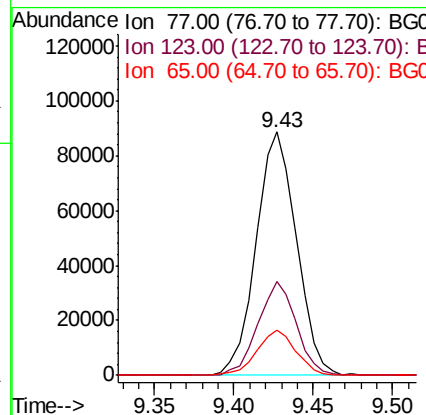
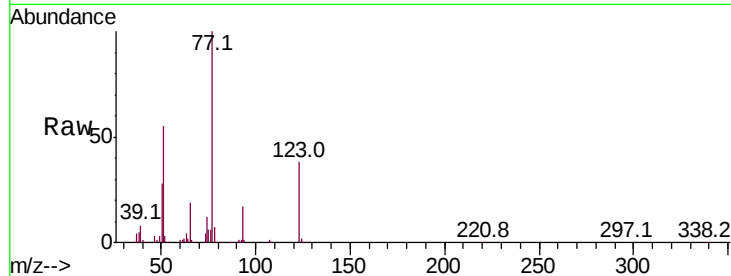




#20
Nitrobenzene
Concen: 72.864 ng/ul
RT: 9.43 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG047655.D
Acq: 8 Dec 2020 19:34

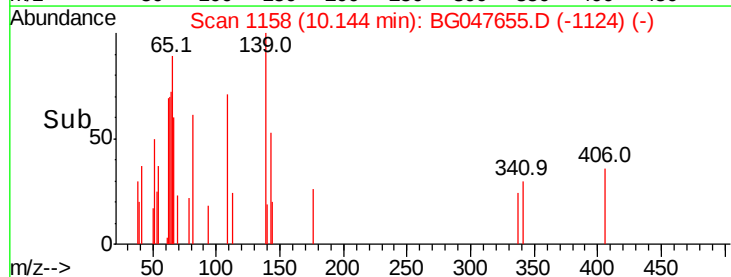
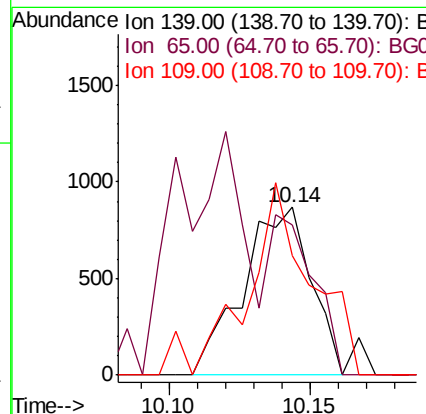
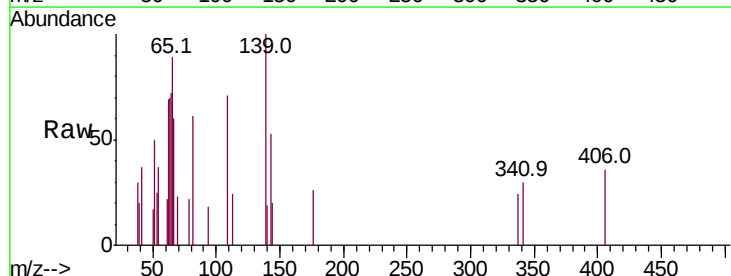
Instrument :
BNA_G
ClientSampled :

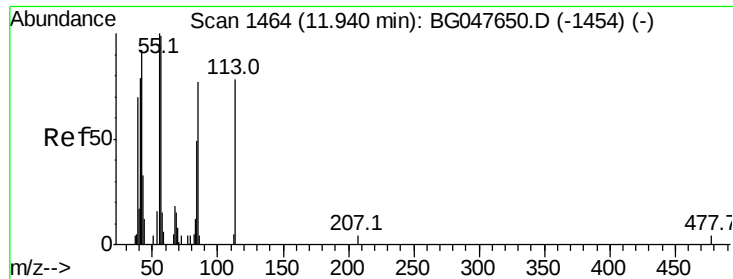
Tot Ion: 77 Resp: 156735
Ion Ratio Lower Upper
77 100
123 38.3 28.5 42.7
65 18.6 12.2 18.2#



#23
2-Nitrophenol
Concen: 1.740 ng/ul
RT: 10.14 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BG047655.D
Acq: 8 Dec 2020 19:34

Tgt Ion: 139 Resp: 1458
Ion Ratio Lower Upper
139 100
65 89.4 63.4 95.0
109 71.4 53.0 79.6





#32

Caprolactam

Concen: 8.130 ng/ul

RT: 11.84 min Scan# 1447

Delta R.T. -0.10 min

Lab File: BG047655.D

Acq: 8 Dec 2020 19:34

Instrument :

BNA_G

ClientSampleId :

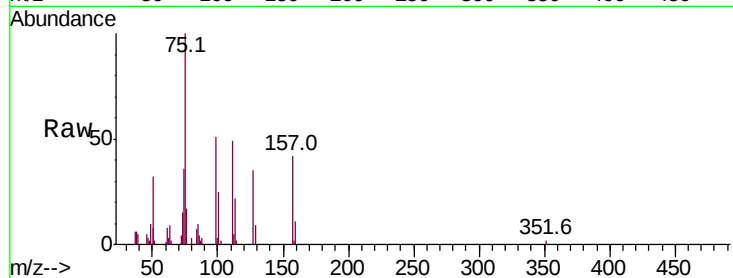
Tot Ion:113 Resp: 4121

Ion Ratio Lower Upper

113 100

55 0.0 91.9 137.9#

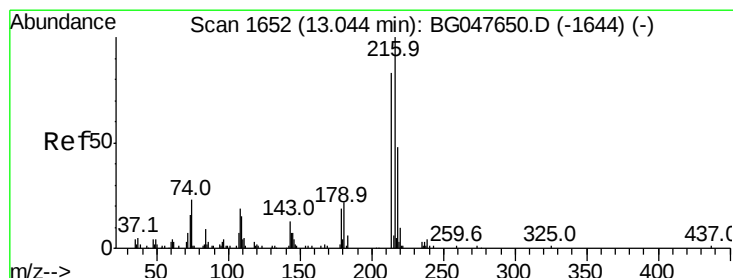
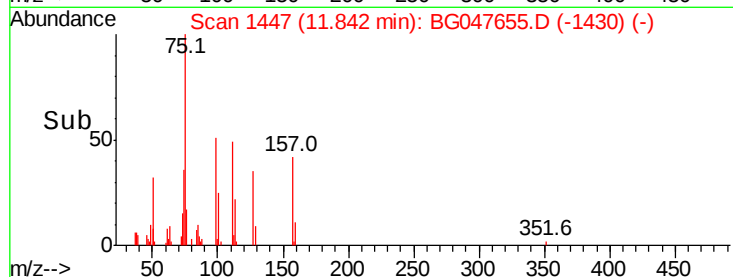
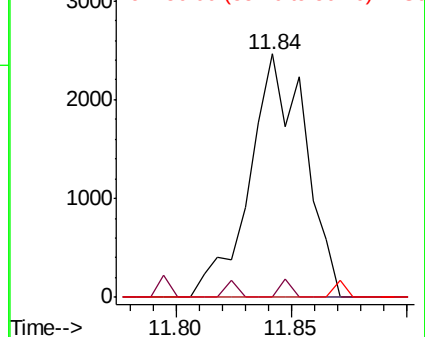
56 0.0 87.1 130.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#37

1,2,4,5-Tetrachlorobenzene

Concen: 1.034 ng/ul

RT: 13.04 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG047655.D

Acq: 8 Dec 2020 19:34

Tgt Ion:216 Resp: 2830

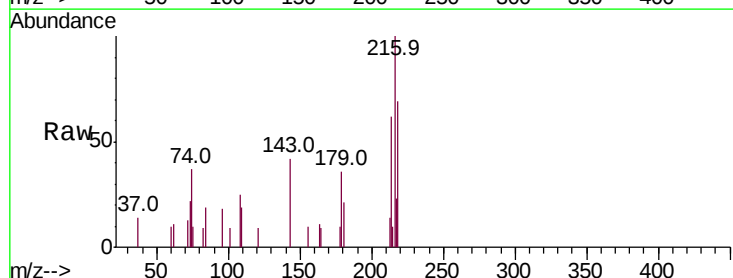
Ion Ratio Lower Upper

216 100

214 71.7 62.5 93.7

179 35.5 15.0 22.6#

108 43.8 14.5 21.7#

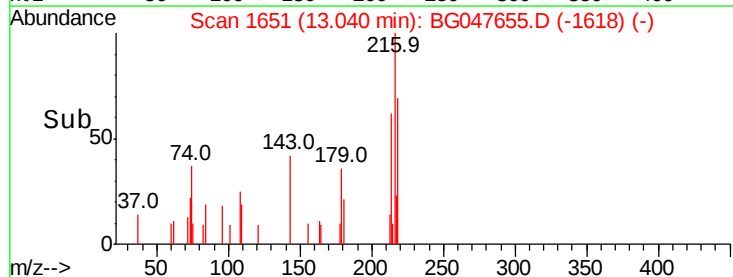
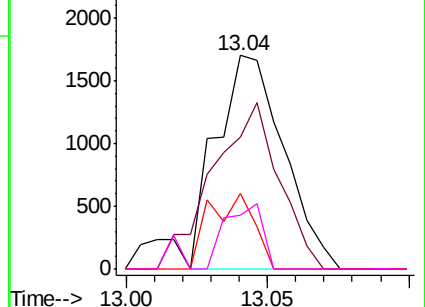


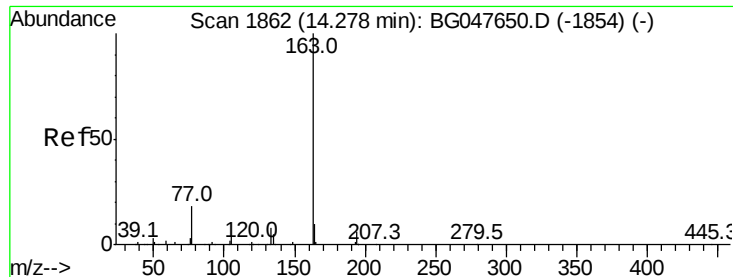
Abundance Ion 216.00 (215.70 to 216.70): E

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

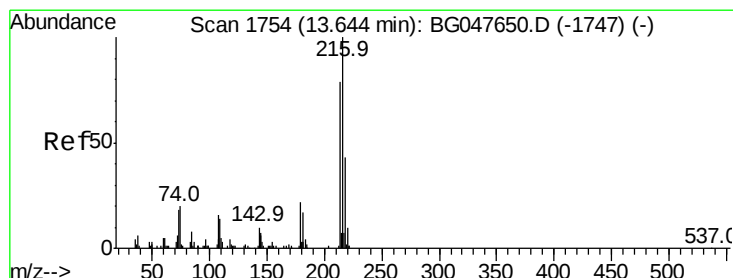
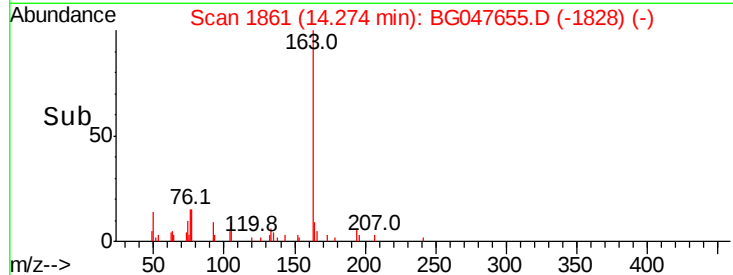
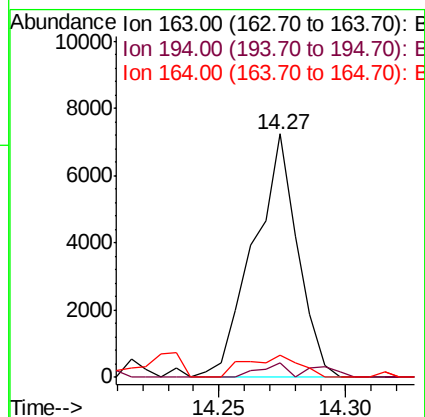
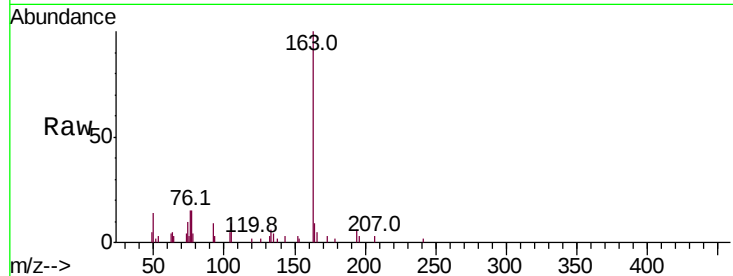




#45
 Dimethylphthalate
 Concen: 1.446 ng/ul
 RT: 14.27 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BG047655.D
 Acq: 8 Dec 2020 19:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.9	5.9
164	9.1	7.4	11.2



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 7.101 ng/uL
 RT: 13.64 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG047655.D
 Acq: 8 Dec 2020 19:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	90.5	61.7	92.5
218	51.2	39.3	58.9

