

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047830.D
 Acq On : 24 Dec 2020 14:39
 Operator : CG/JU
 Sample : L5112-21MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A54T5MS

Quant Time: Dec 24 15:22:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 23 13:42:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	29364	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	114227	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	90497	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	212501	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	196500	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	193039	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	2201	3.99	ng/uL	0.00
5) Phenol-d5	7.34	99	56184	22.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	30658	23.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	43615	22.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	42240	21.18	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	21154	22.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	25816	23.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	53472	21.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	55499	24.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	174670	22.22	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	211985	23.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	19948	17.11	ng/ul	0.00
58) Fluorene-d10	15.80	176	159212	22.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	21775	15.14	ng/ul	0.00
71) Anthracene-d10	17.66	188	261128	24.64	ng/ul	0.00
79) Pyrene-d10	19.92	212	282658	24.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	269315	23.89	ng/ul	0.00

Target Compounds

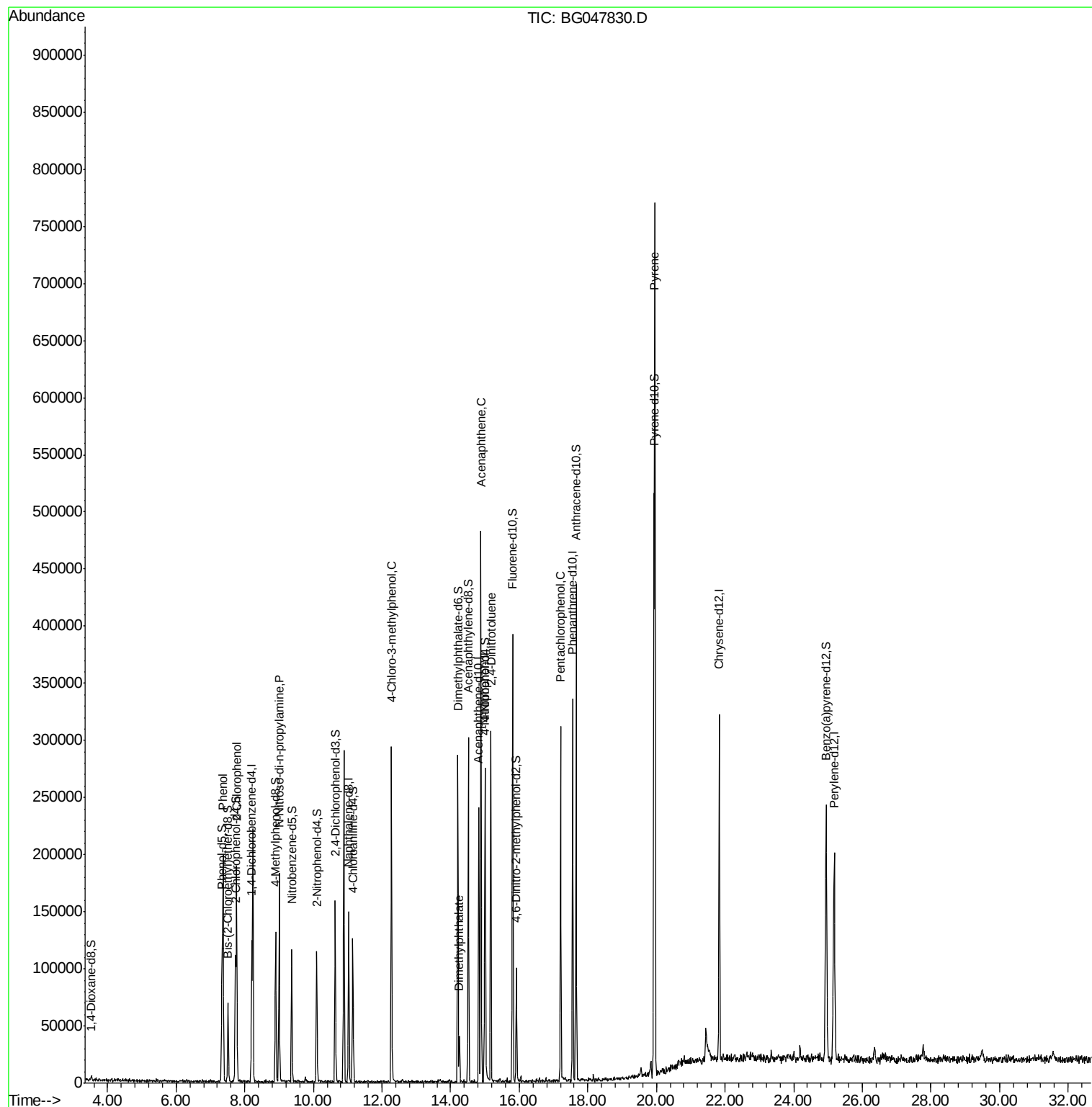
					Ovalue	
6) Phenol	7.36	94	91774	38.653	ng/ul	88
10) 2-Chlorophenol	7.76	128	64007	34.111	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.00	70	64661	37.180	ng/ul#	97
33) 4-Chloro-3-methylphenol	12.27	107	86847	34.602	ng/ul#	92
45) Dimethylphthalate	14.26	163	24403	3.065	ng/ul#	95
50) Acenaphthene	14.88	153	199013	33.809	ng/ul	96
53) 4-Nitrophenol	15.01	109	59595	31.059	ng/ul#	88
55) 2,4-Dinitrotoluene	15.17	165	81277	33.816	ng/ul#	88
69) Pentachlorophenol	17.20	266	54927	42.506	ng/ul	98
80) Pyrene	19.95	202	507361	35.501	ng/ul#	98

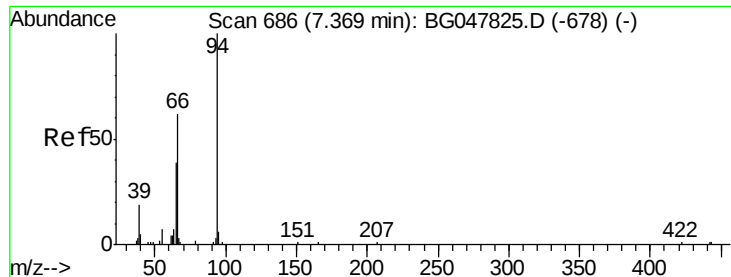
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 13:42:29 2020
Response via : Initial Calibration





#6

Phenol

Concen: 38.653 ng/ul

RT: 7.36 min Scan# 685

Delta R.T. 0.01 min

Lab File: BG047830.D

Acq: 24 Dec 2020 14:39

Instrument :

BNA_G

ClientSampleId :

A54T5MS

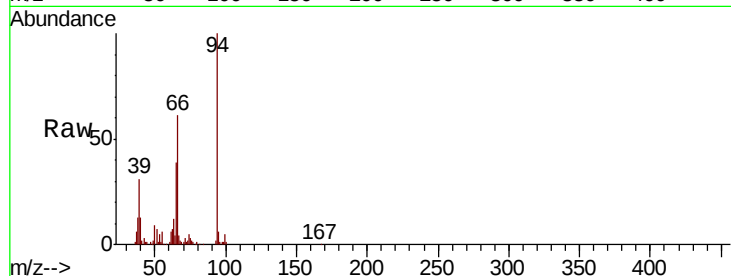
Tot Ion: 94 Resp: 91774

Ion Ratio Lower Upper

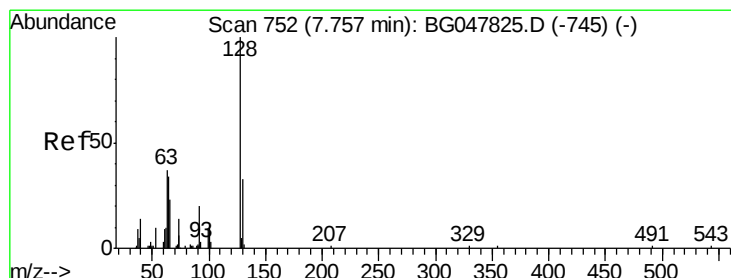
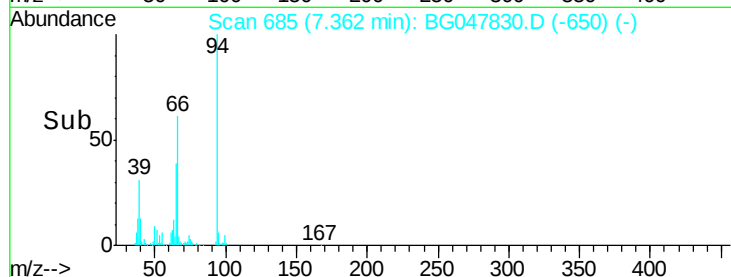
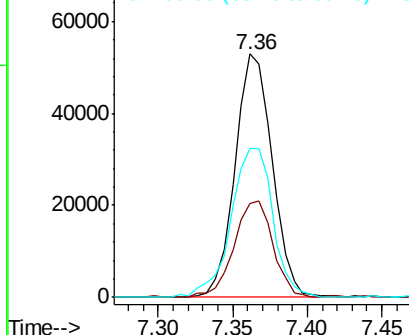
94 100

65 38.6 35.4 53.0

66 61.2 58.3 87.5



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: 34.111 ng/ul

RT: 7.76 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG047830.D

Acq: 24 Dec 2020 14:39

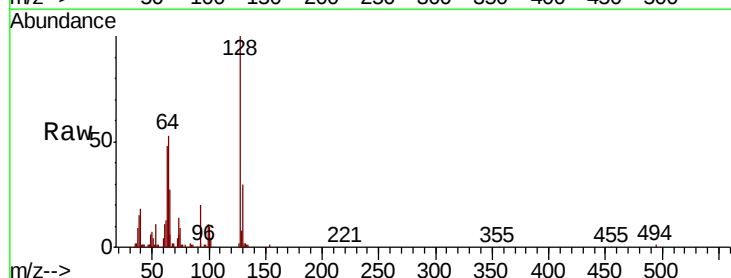
Tgt Ion:128 Resp: 64007

Ion Ratio Lower Upper

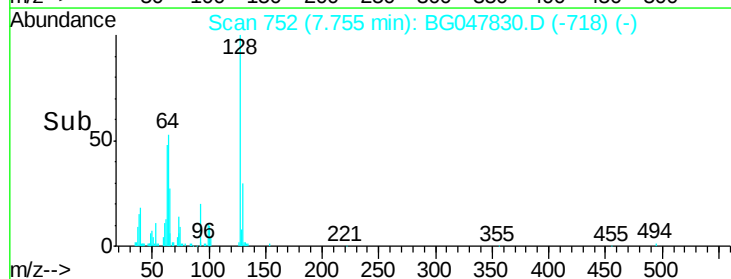
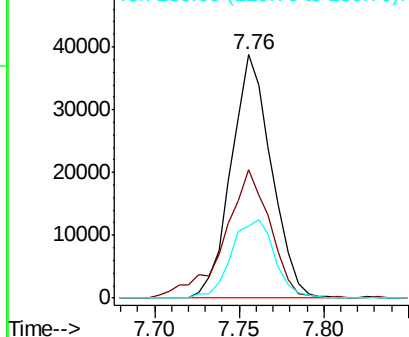
128 100

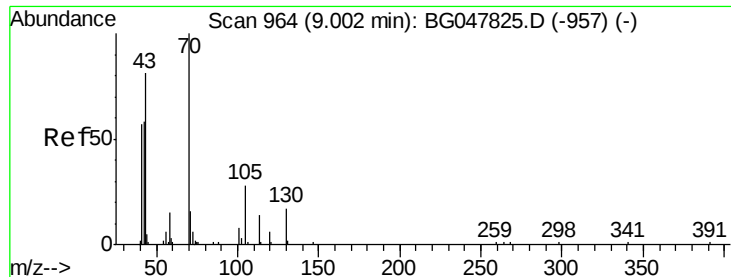
64 52.8 36.3 54.5

130 29.6 19.9 29.9



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

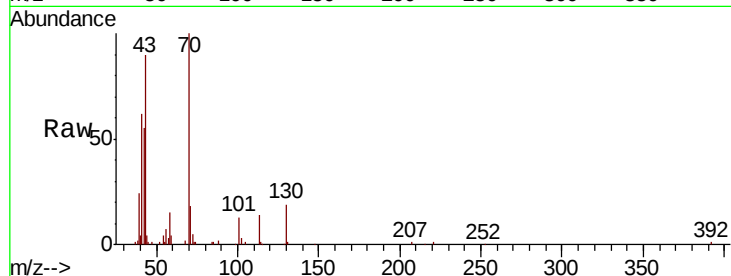




#15
N-Nitroso-di-n-propylamine
Concen: 37.180 ng/ul
RT: 9.00 min Scan# 964
Delta R.T. 0.01 min
Lab File: BG047830.D
Acq: 24 Dec 2020 14:39

Instrument :
BNA_G
ClientSampleId :
A54T5MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.0	43.0	64.6
101	13.0	5.0	7.4#
130	18.6	15.8	23.8



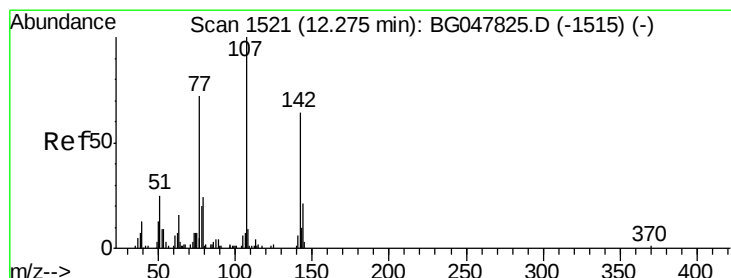
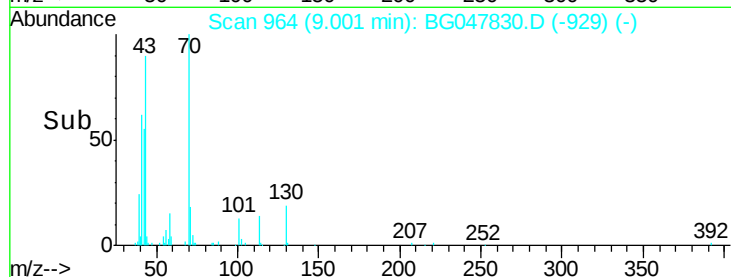
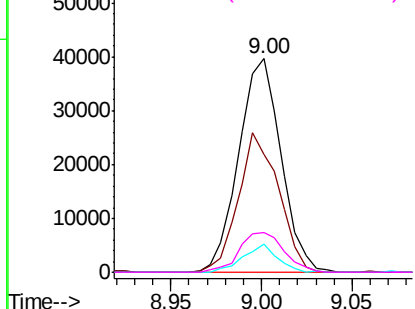
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

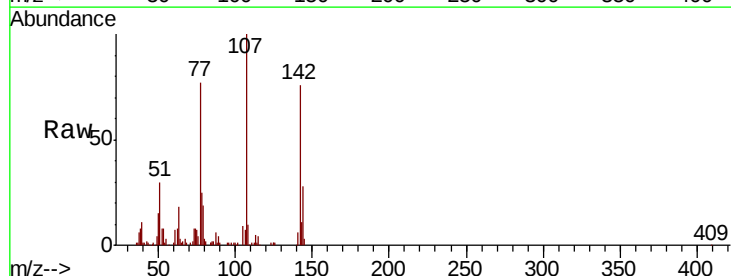
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#33
4-Chloro-3-methylphenol
Concen: 34.602 ng/ul
RT: 12.27 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BG047830.D
Acq: 24 Dec 2020 14:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	16.1	24.1#
142	76.3	57.4	86.2

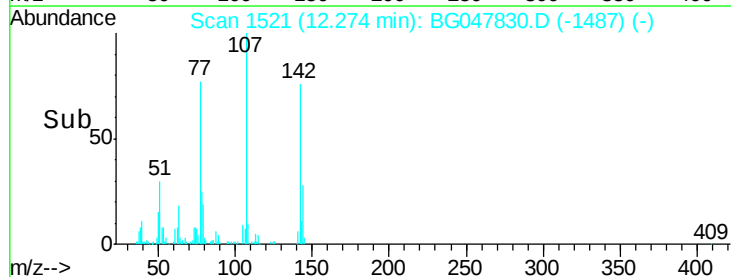
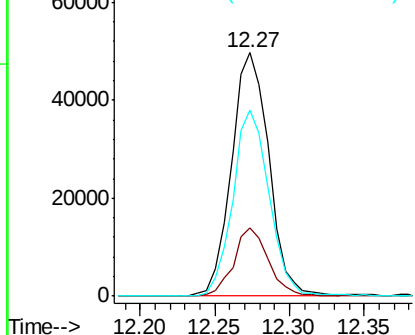


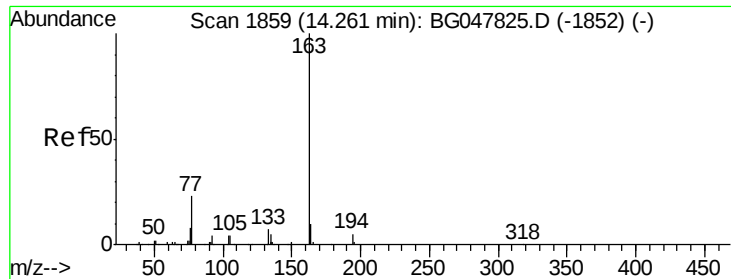
Abundance

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





#45

Dimethylphthalate

Concen: 3.065 ng/ul

RT: 14.26 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG047830.D

Acq: 24 Dec 2020 14:39

Instrument :

BNA_G

ClientSampleId :

A54T5MS

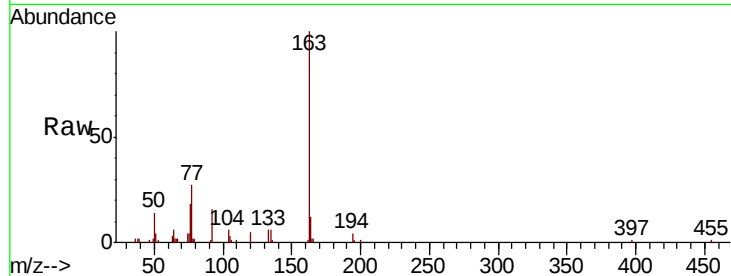
Tot Ion:163 Resp: 24403

Ion Ratio Lower Upper

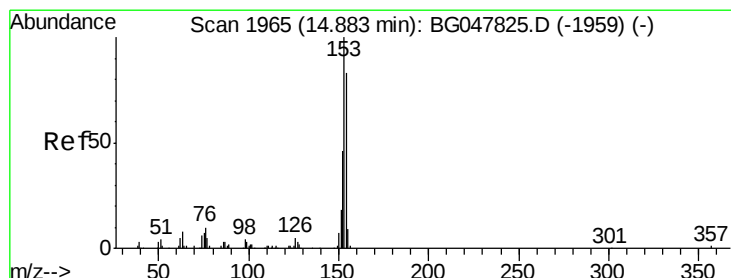
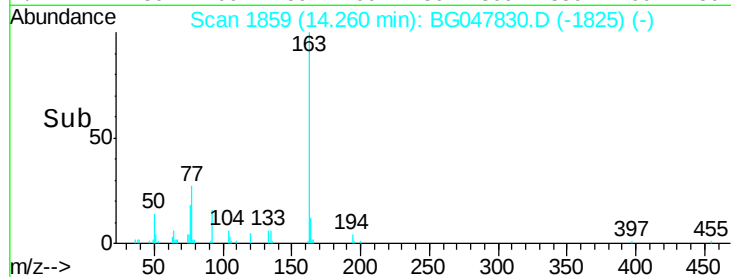
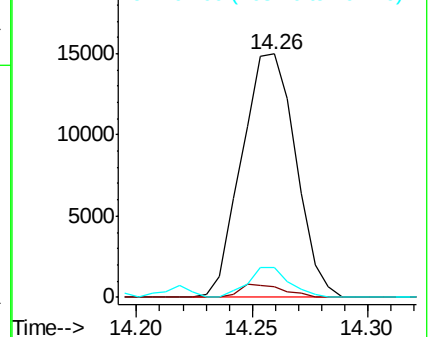
163 100

194 4.2 3.8 5.6

164 12.3 8.1 12.1#



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: 33.809 ng/ul

RT: 14.88 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG047830.D

Acq: 24 Dec 2020 14:39

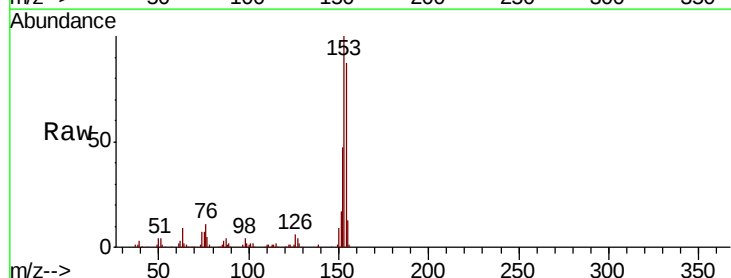
Tgt Ion:153 Resp: 199013

Ion Ratio Lower Upper

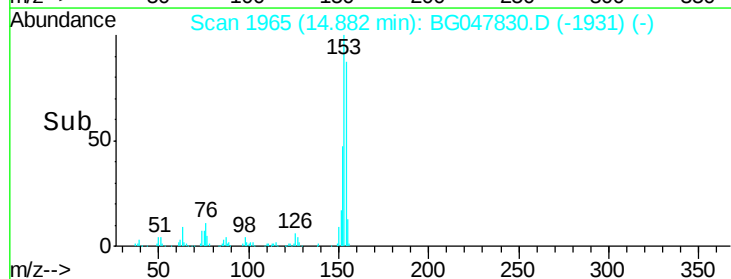
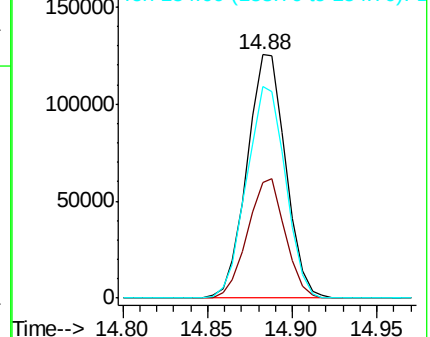
153 100

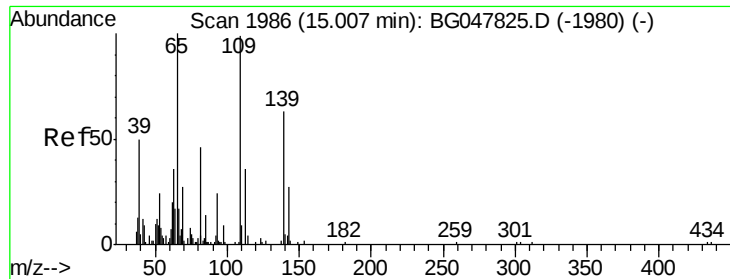
152 47.5 38.2 57.4

154 86.9 73.8 110.6



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: 31.059 ng/ul

RT: 15.01 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG047830.D

Acq: 24 Dec 2020 14:39

Instrument :

BNA_G

ClientSampleId :

A54T5MS

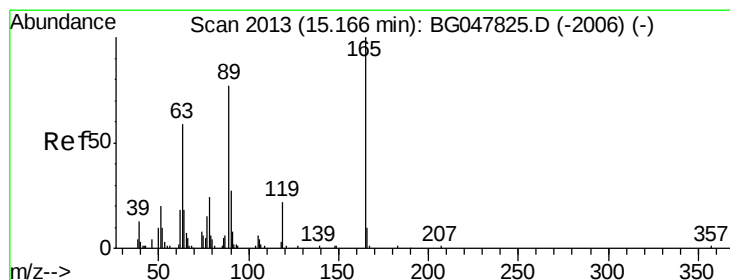
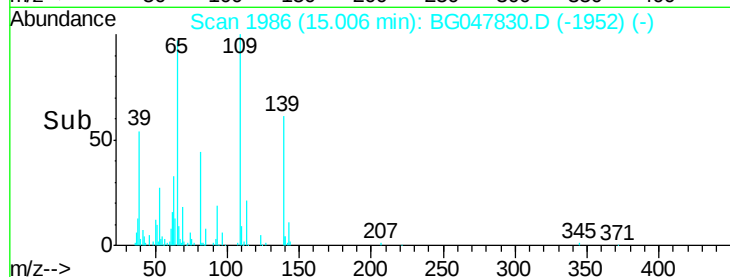
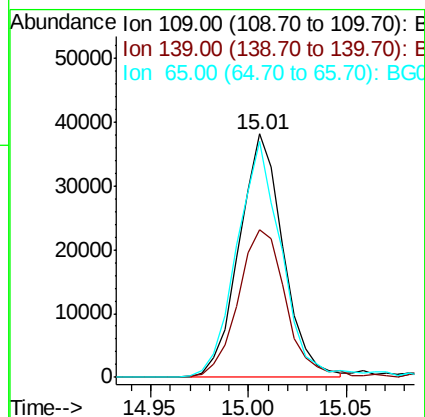
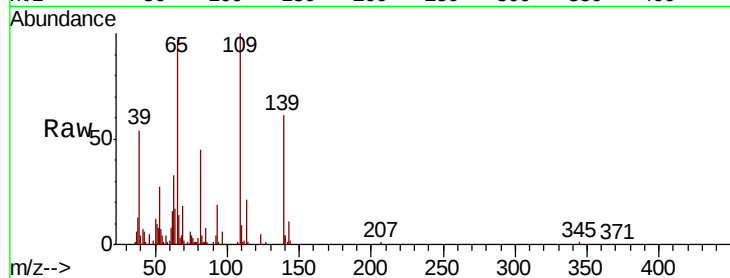
Tot Ion:109 Resp: 59595

Ion Ratio Lower Upper

109 100

139 60.8 48.6 73.0

65 96.9 63.0 94.6#



#55

2,4-Dinitrotoluene

Concen: 33.816 ng/ul

RT: 15.17 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BG047830.D

Acq: 24 Dec 2020 14:39

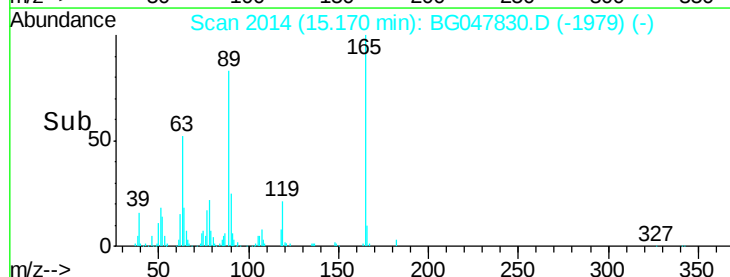
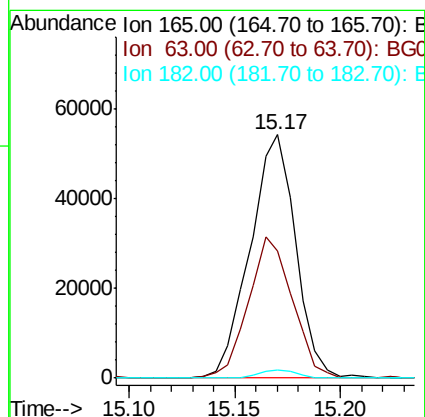
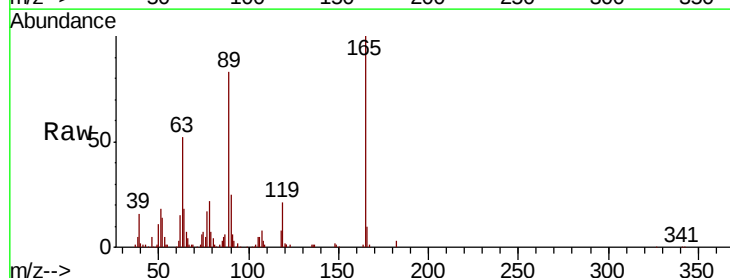
Tgt Ion:165 Resp: 81277

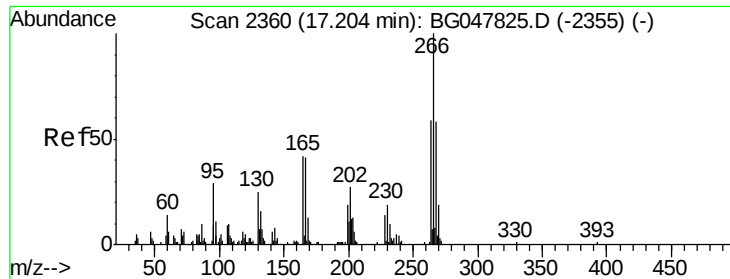
Ion Ratio Lower Upper

165 100

63 52.3 49.5 74.3

182 3.4 2.0 3.0#

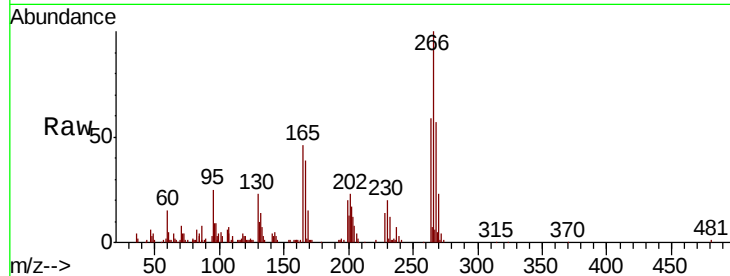




#69
 Pentachlorophenol
 Concen: 42.506 ng/ul
 RT: 17.20 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG047830.D
 Acq: 24 Dec 2020 14:39

Instrument :
 BNA_G
 ClientSampleId :
 A54T5MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	59.3	47.8	71.6
268	57.1	43.1	64.7

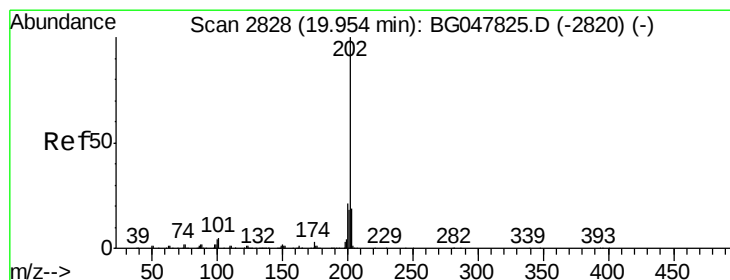
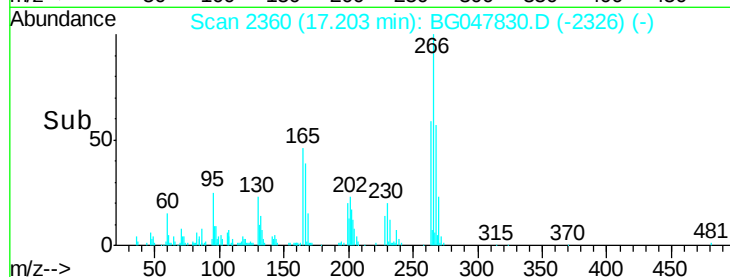
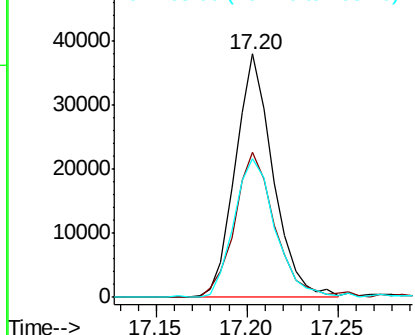


Abundance

Ion 265.70 (265.40 to 266.40): E

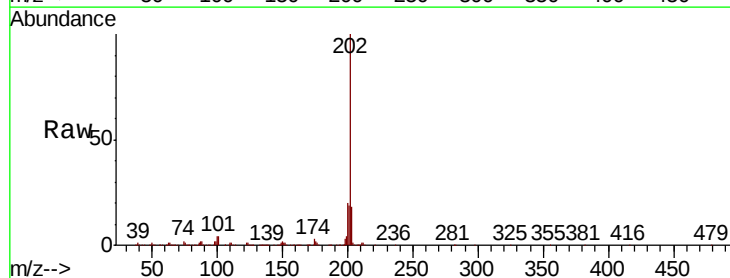
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 35.501 ng/ul
 RT: 19.95 min Scan# 2828
 Delta R.T. -0.00 min
 Lab File: BG047830.D
 Acq: 24 Dec 2020 14:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.2	3.7	5.5
100	4.2	2.7	4.1#



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

