

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
 Data File : BG046944.D
 Acq On : 17 Oct 2020 16:17
 Operator : CG/JU
 Sample : L4259-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5CG2

Quant Time: Oct 19 01:04:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 19 00:57:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	64439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	265589	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	186059	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	397447	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	384987	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	387843	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	1481	1.02	ng/uL	0.00
5) Phenol-d5	7.22	99	40509	7.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	96713	29.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	108031	25.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	76383	16.83	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	165	0.07	ng/ul	0.06
22) 2-Nitrophenol-d4	9.96	143	82017	31.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	153831	30.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	9613	1.66	ng/ul	-0.02
44) Dimethylphthalate-d6	14.10	166	526992	34.10	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	607068	34.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	19760	7.42	ng/ul	0.00
58) Fluorene-d10	15.69	176	471547	33.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	133261	48.69	ng/ul	0.00
71) Anthracene-d10	17.55	188	707087	36.73	ng/ul	0.00
79) Pyrene-d10	19.83	212	820742	38.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	794255	36.36	ng/ul	0.00

Target Compounds

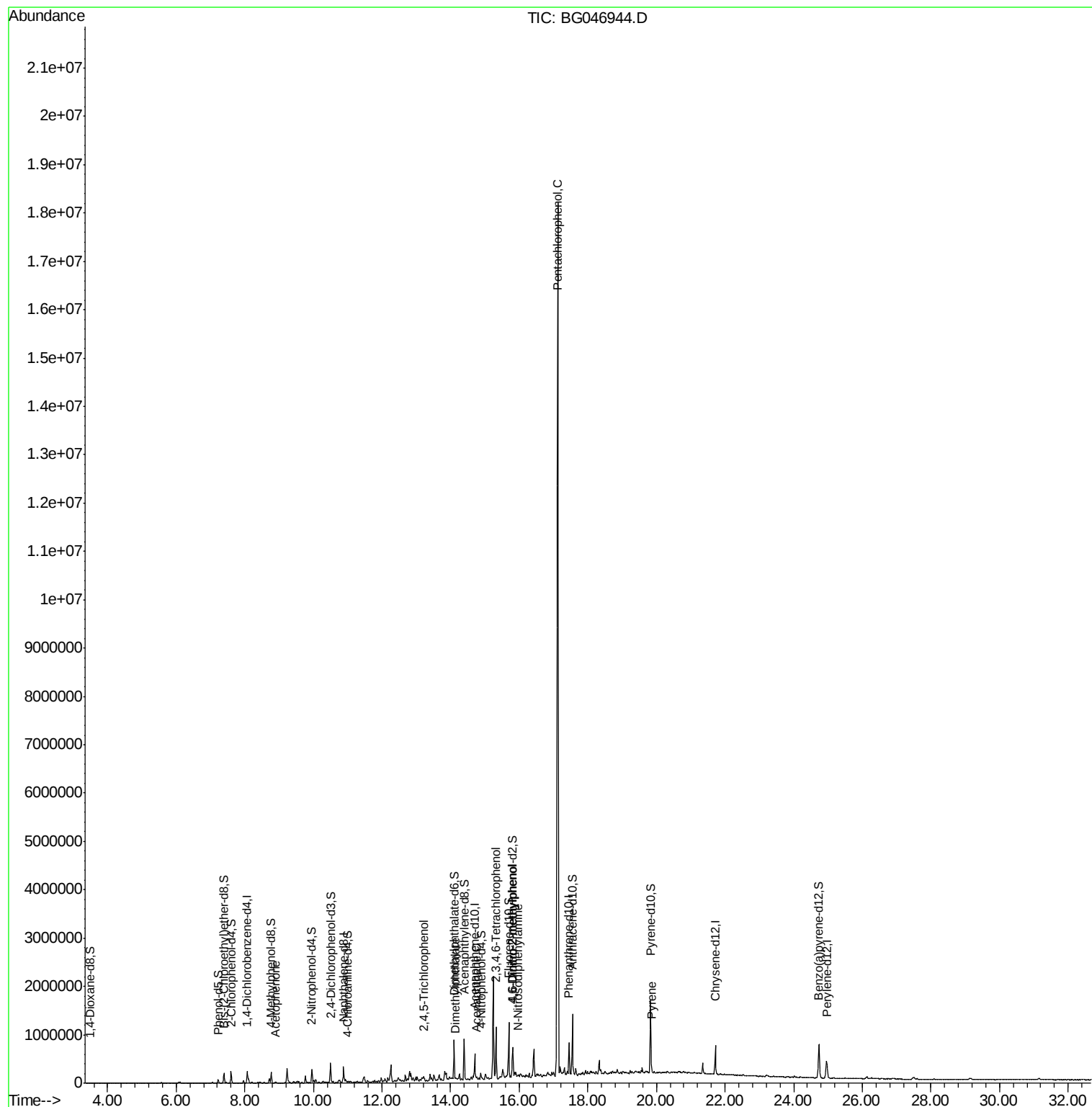
					Ovalue	
14) Acetophenone	8.88	105	18616	2.557	ng/ul#	44
40) 2,4,5-Trichlorophenol	13.21	196	16204	3.437	ng/ul	90
45) Dimethylphthalate	14.15	163	21952	1.370	ng/ul#	90
50) Acenaphthene	14.77	153	16500	1.321	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.32	232	225623	48.318	ng/ul#	93
64) 4,6-Dinitro-2-methylphenol	15.82	198	105274	35.764	ng/ul#	67
65) N-Nitrosodiphenylamine	15.96	169	13134	1.126	ng/ul#	69
69) Pentachlorophenol	17.13	266	3924517	1145.051	ng/ul	89
80) Pvrene	19.85	202	60165	2.309	ng/ul	98

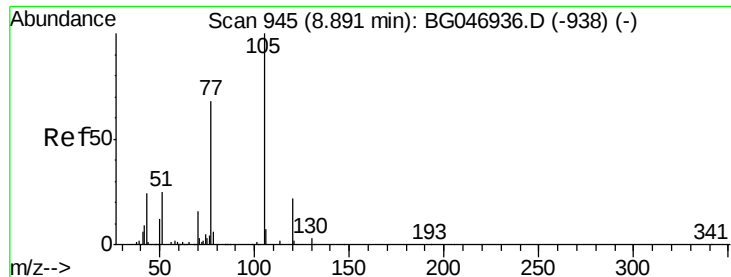
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#14

Acetophenone

Concen: 2.557 ng/ul

RT: 8.88 min Scan# 943

Delta R.T. -0.01 min

Lab File: BG046944.D

Acq: 17 Oct 2020 16:17

Instrument :

BNA_G

ClientSampleId :

C5CG2

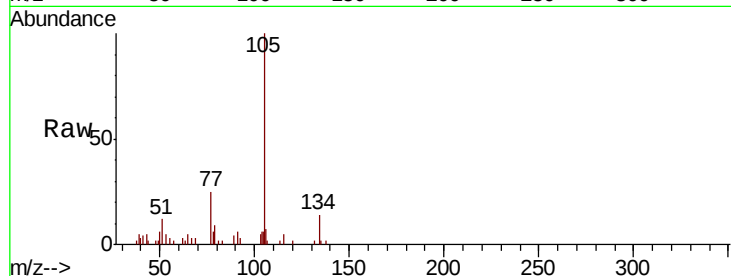
Tot Ion:105 Resp: 18616

Ion Ratio Lower Upper

105 100

77 24.6 64.7 97.1#

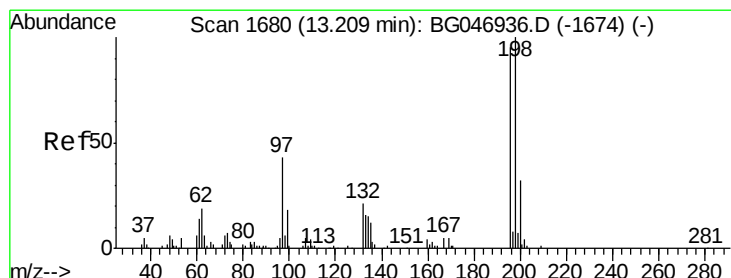
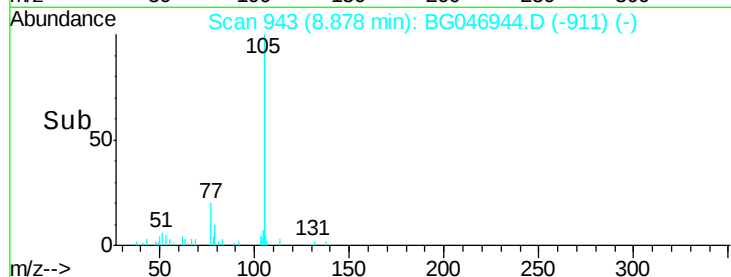
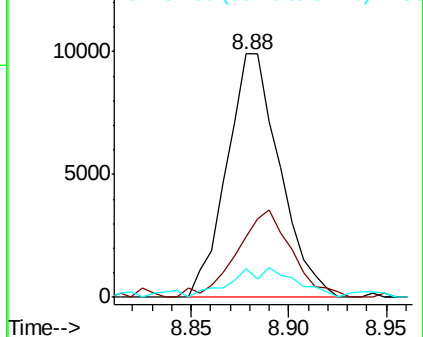
51 11.5 26.5 39.7#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#40

2,4,5-Trichlorophenol

Concen: 3.437 ng/ul

RT: 13.21 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BG046944.D

Acq: 17 Oct 2020 16:17

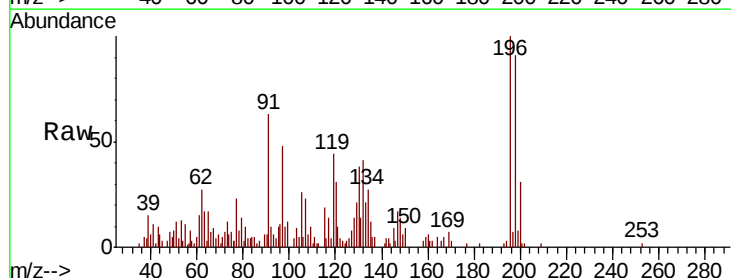
Tgt Ion:196 Resp: 16204

Ion Ratio Lower Upper

196 100

198 91.4 82.4 123.6

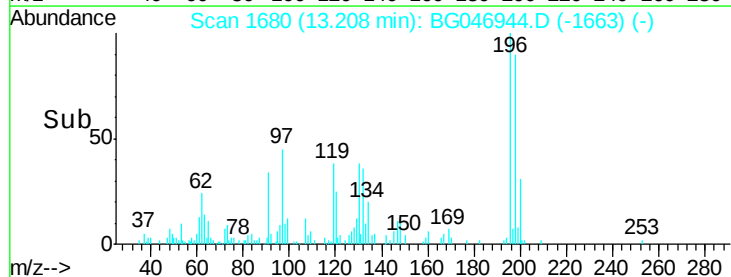
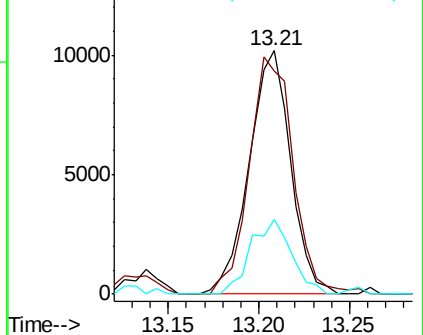
200 30.7 26.3 39.5

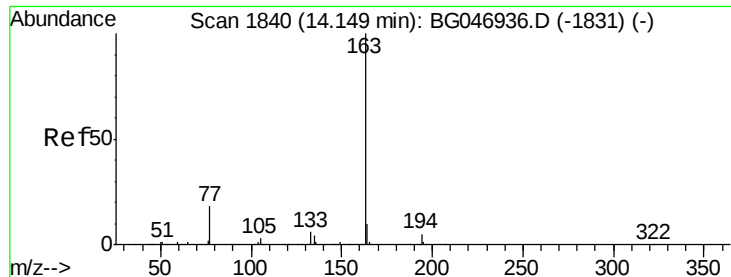


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

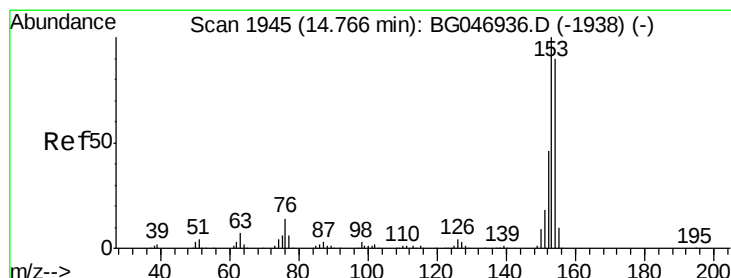
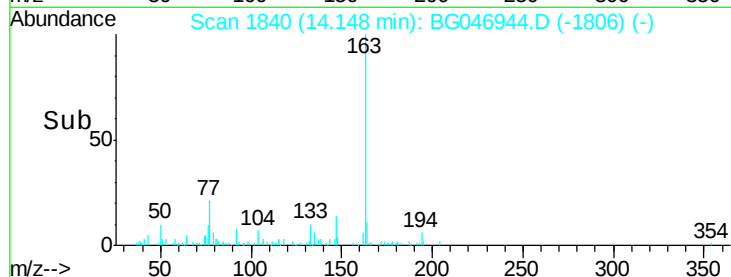
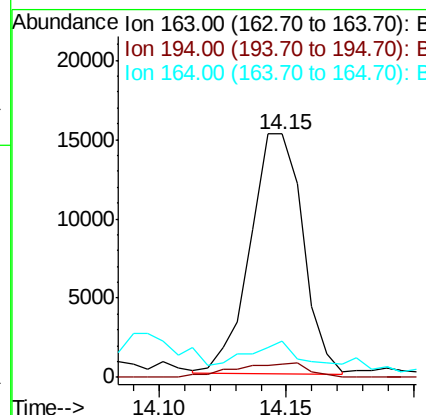
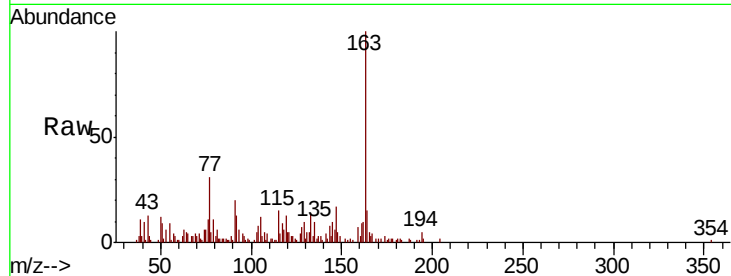




#45
Dimethylphthalate
Concen: 1.370 ng/ul
RT: 14.15 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG046944.D
Acq: 17 Oct 2020 16:17

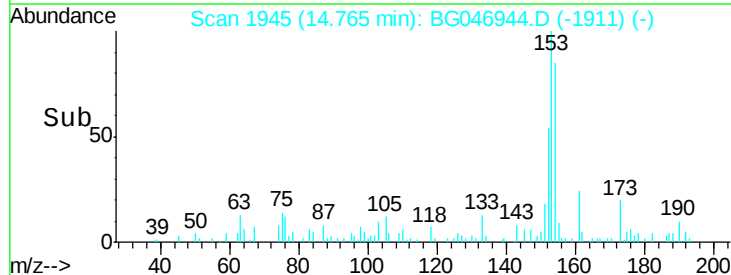
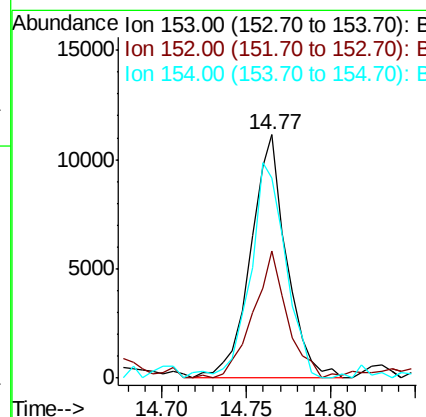
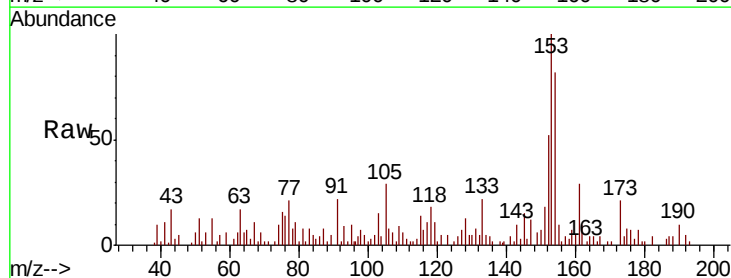
Instrument :
BNA_G
ClientSampleId :
C5CG2

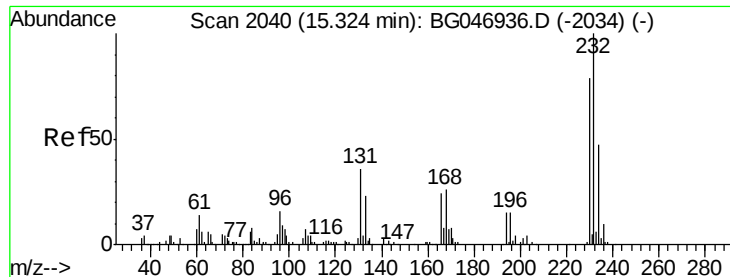
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.9	5.9
164	14.8	7.8	11.8



#50
Acenaphthene
Concen: 1.321 ng/ul
RT: 14.77 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG046944.D
Acq: 17 Oct 2020 16:17

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.4	39.0	58.6
154	82.1	71.6	107.4

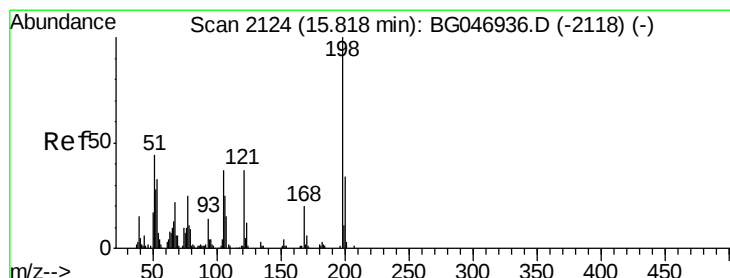
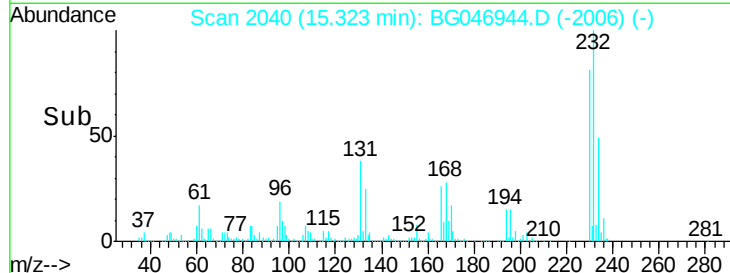
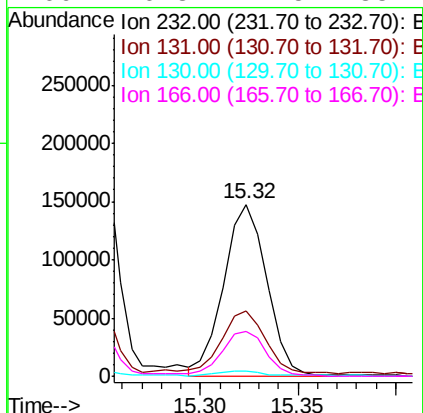
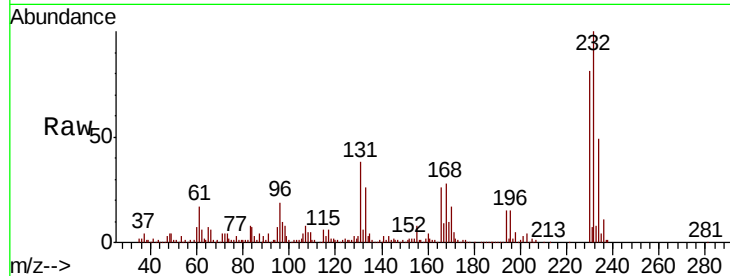




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 48.318 ng/ul
 RT: 15.32 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG046944.D
 Acq: 17 Oct 2020 16:17

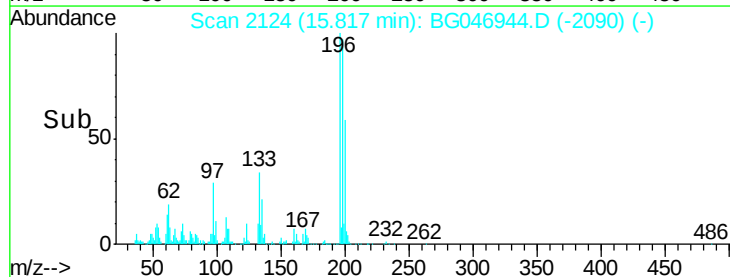
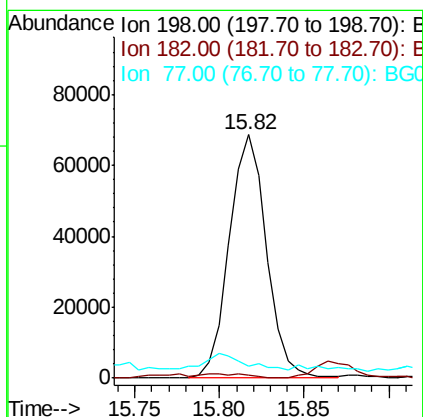
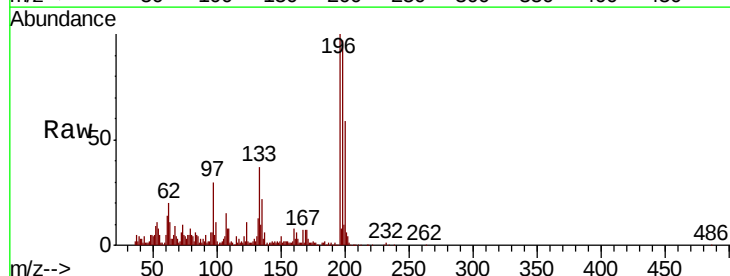
Instrument :
 BNA_G
 ClientSampleId :
 C5CG2

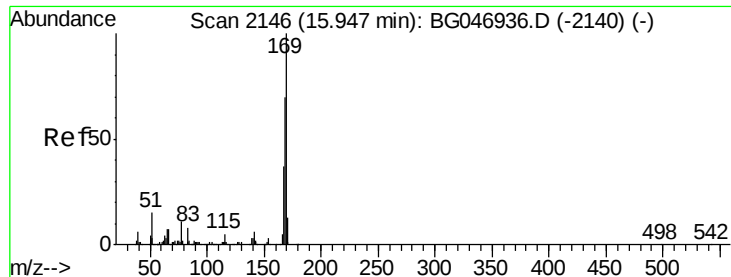
Tot Ion:232	Resp:	225623
Ion Ratio	Lower	Upper
232	100	
131	38.3	26.2 39.4
130	3.1	0.0 0.0#
166	26.3	22.5 33.7



#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.764 ng/ul
 RT: 15.82 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG046944.D
 Acq: 17 Oct 2020 16:17

Tgt Ion:198	Resp:	105274
Ion Ratio	Lower	Upper
198	100	
182	1.0	2.7 4.1#
77	4.8	18.2 27.2#





#65

N-Nitrosodiphenylamine

Concen: 1.126 ng/ul

RT: 15.96 min Scan# 2149

Delta R.T. 0.02 min

Lab File: BG046944.D

Acq: 17 Oct 2020 16:17

Instrument :

BNA_G

ClientSampleId :

C5CG2

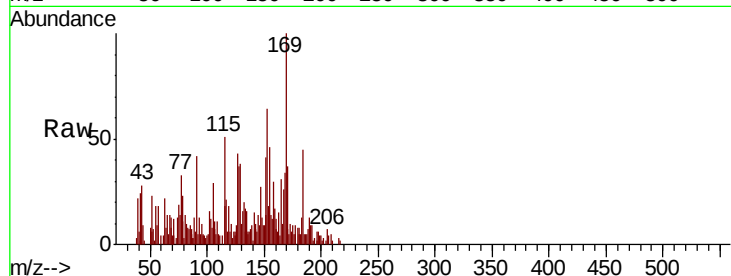
Tot Ion:169 Resp: 13134

Ion Ratio Lower Upper

169 100

168 33.7 52.4 78.6#

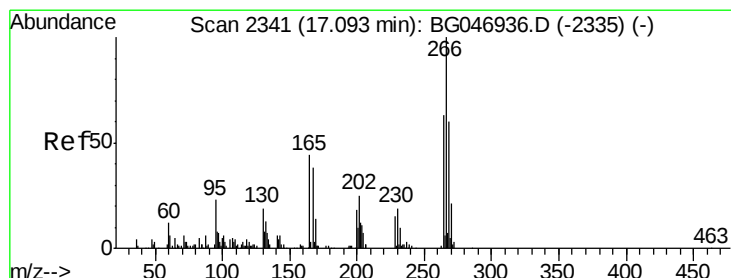
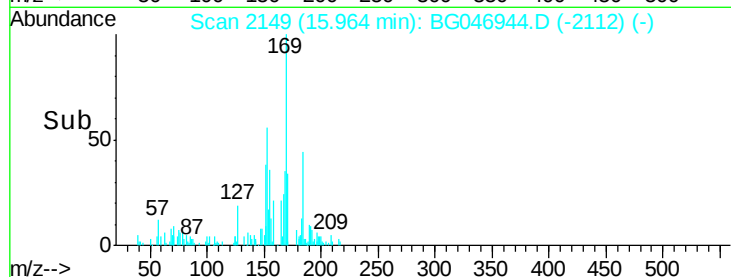
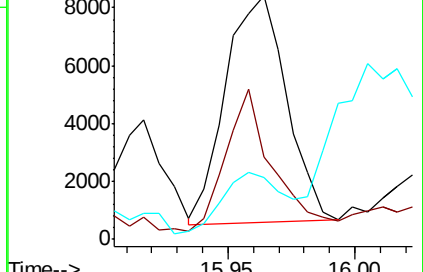
167 25.5 26.5 39.7#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Pentachlorophenol

Concen: 1145.051 ng/ul

RT: 17.13 min Scan# 2347

Delta R.T. 0.03 min

Lab File: BG046944.D

Acq: 17 Oct 2020 16:17

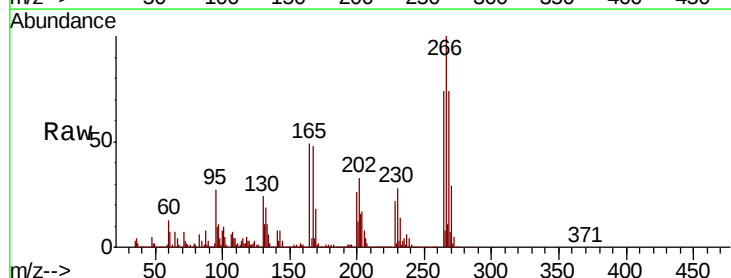
Tgt Ion:266 Resp: 3924517

Ion Ratio Lower Upper

266 100

264 74.4 52.6 78.8

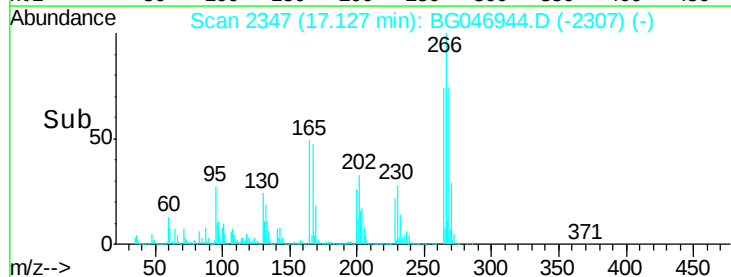
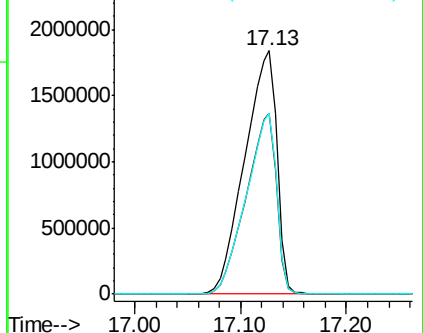
268 74.3 52.2 78.2

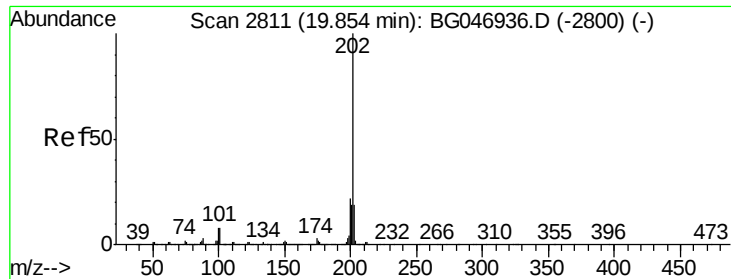


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#80
 Pvrene
 Concen: 2.309 ng/ul
 RT: 19.85 min Scan# 2811
 Delta R.T. -0.00 min
 Lab File: BG046944.D
 Acq: 17 Oct 2020 16:17

Instrument :
 BNA_G
 ClientSampleId :
 C5CG2

Tot Ion:	202	Resp:	60165
Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.5	9.7
100	7.6	5.2	7.8

