

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
 Data File : BG046961.D
 Acq On : 18 Oct 2020 5:06
 Operator : CG/JU
 Sample : L4259-13DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5CG1DL

Quant Time: Oct 19 02:40:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 19 02:31:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58266	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	237900	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	178044	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	404608	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	402534	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	402144	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.22	99	7408	1.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	17825	5.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	18814	4.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	12943	3.15	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	12667	6.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	13840	6.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	24755	5.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	2524	0.49	ng/ul	-0.02
44) Dimethylphthalate-d6	14.09	166	100671	6.81	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	112184	6.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	3780	1.48	ng/ul	0.00
58) Fluorene-d10	15.68	176	88420	6.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	14790	5.31	ng/ul	0.00
71) Anthracene-d10	17.54	188	143974	7.35	ng/ul	0.00
79) Pyrene-d10	19.82	212	170849	7.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	161358	7.12	ng/ul	-0.02

Target Compounds

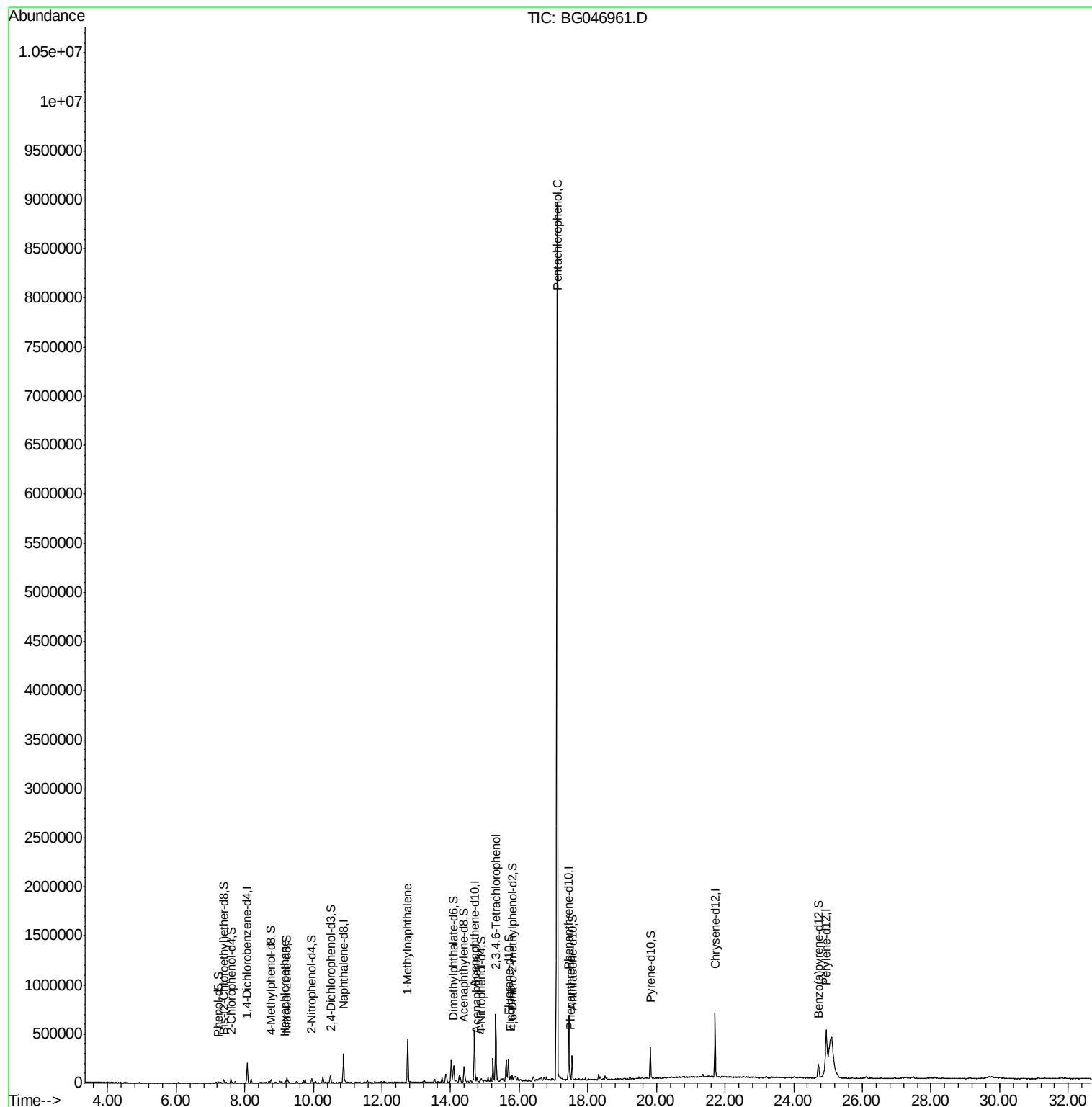
					Ovalue	
17) Hexachloroethane	9.17	117	3432	1.946	ng/ul#	1
35) 1-Methylnaphthalene	12.75	142	197576	19.848	ng/uL	96
50) Acenaphthene	14.76	153	18730	1.567	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.31	232	145354	32.529	ng/ul#	94
59) Fluorene	15.74	166	17914	1.229	ng/ul#	97
69) Pentachlorophenol	17.11	266	1813216	519.677	ng/ul	96
70) Phenanthrene	17.49	178	41583	1.796	ng/ul#	96

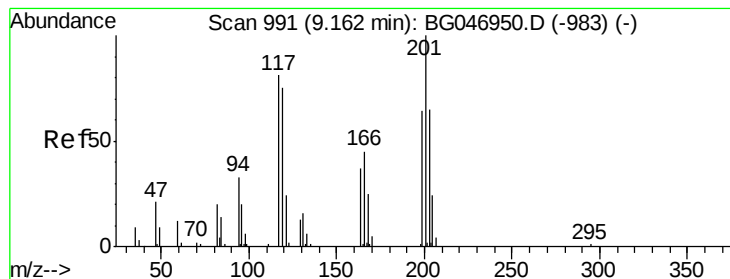
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Hexachloroethane

Concen: 1.946 ng/ul

RT: 9.17 min Scan# 993

Delta R.T. 0.01 min

Lab File: BG046961.D

Acq: 18 Oct 2020 5:06

Instrument :

BNA_G

ClientSampleId :

C5CG1DL

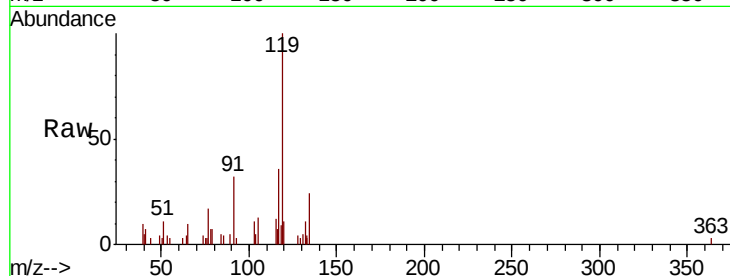
Tot Ion:117 Resp: 3432

Ion Ratio Lower Upper

117 100

201 0.0 105.7 158.5#

199 0.0 66.6 99.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

2500

2000

1500

1000

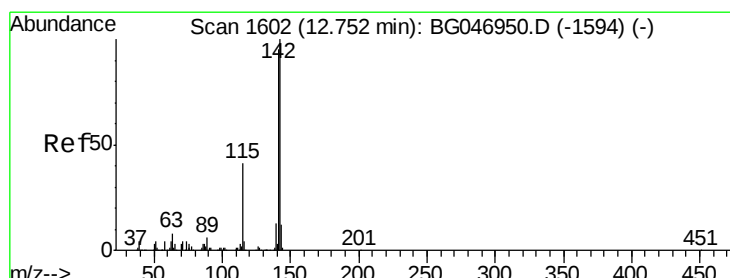
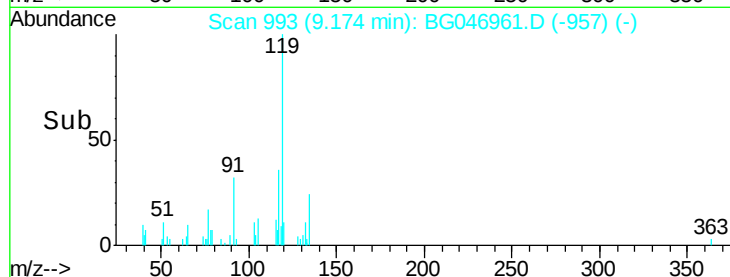
500

0

9.15

9.20

Time-->



#35

1-Methylnaphthalene

Concen: 19.848 ng/uL

RT: 12.75 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BG046961.D

Acq: 18 Oct 2020 5:06

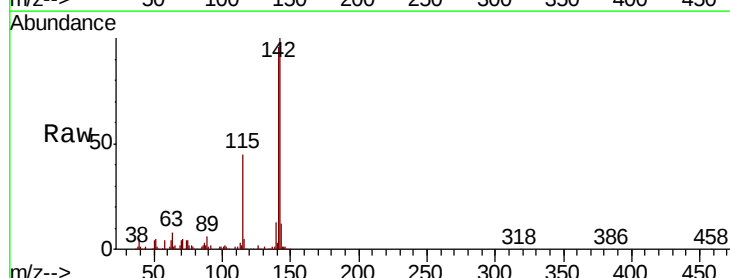
Tgt Ion:142 Resp: 197576

Ion Ratio Lower Upper

142 100

141 91.1 76.5 114.7

116 4.5 3.5 5.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

150000

100000

50000

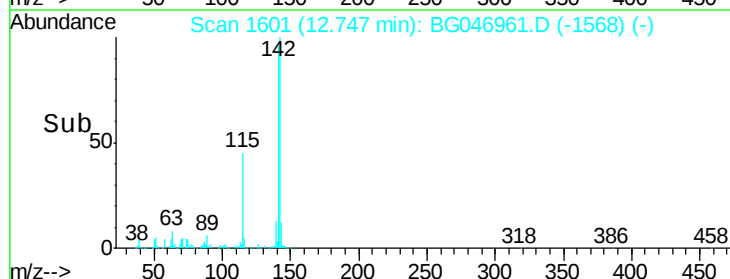
0

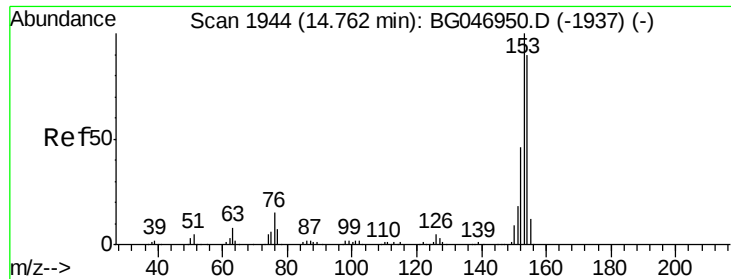
12.70

12.75

12.80

Time-->





#50

Acenaphthene

Concen: 1.567 ng/ul

RT: 14.76 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG046961.D

Acq: 18 Oct 2020 5:06

Instrument :

BNA_G

ClientSampleId :

C5CG1DL

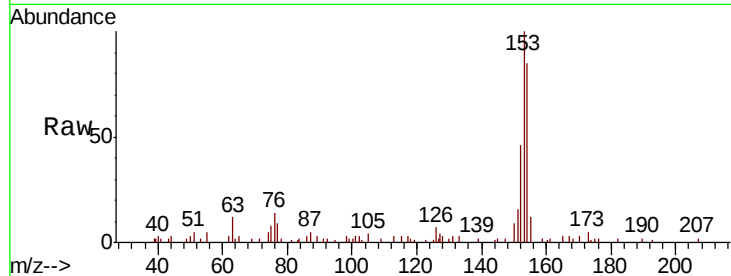
Tot Ion:153 Resp: 18730

Ion Ratio Lower Upper

153 100

152 45.9 39.0 58.6

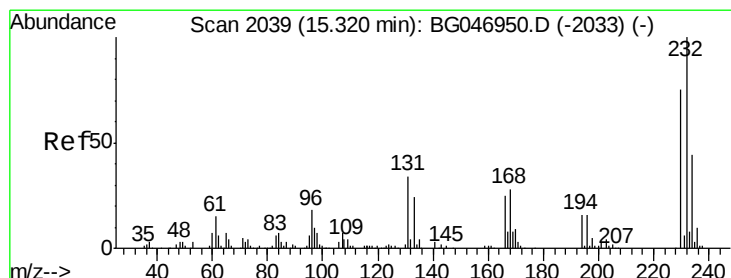
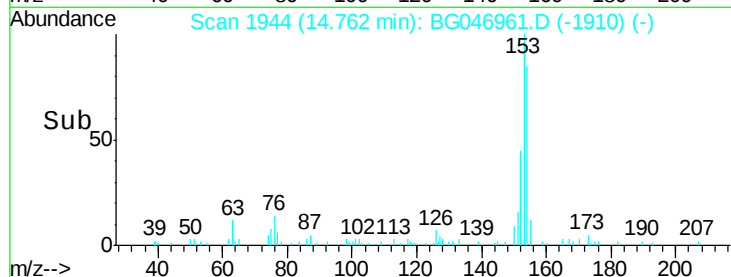
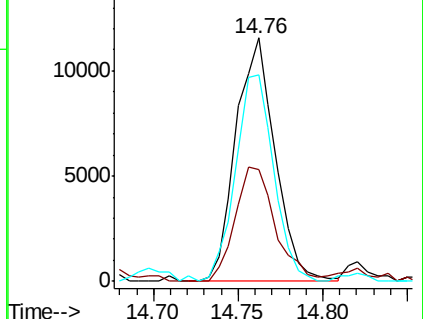
154 85.0 71.6 107.4



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



#56

2,3,4,6-Tetrachlorophenol

Concen: 32.529 ng/ul

RT: 15.31 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG046961.D

Acq: 18 Oct 2020 5:06

Tgt Ion:232 Resp: 145354

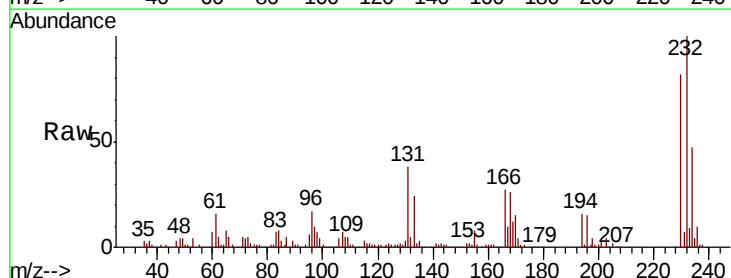
Ion Ratio Lower Upper

232 100

131 38.2 26.2 39.4

130 2.9 0.0 0.0#

166 26.9 22.5 33.7

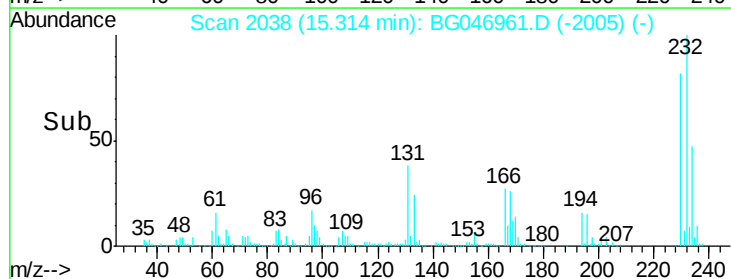
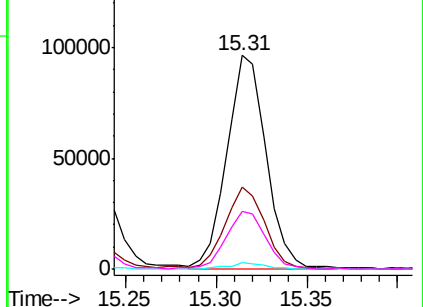


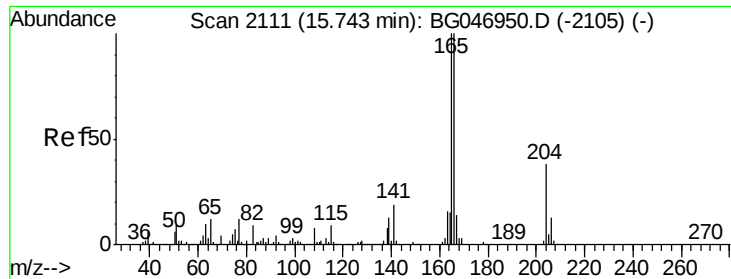
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Fluorene

Concen: 1.229 ng/ul

RT: 15.74 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BG046961.D

Acq: 18 Oct 2020 5:06

Instrument :

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ClientSampleId :

C5CG1DL

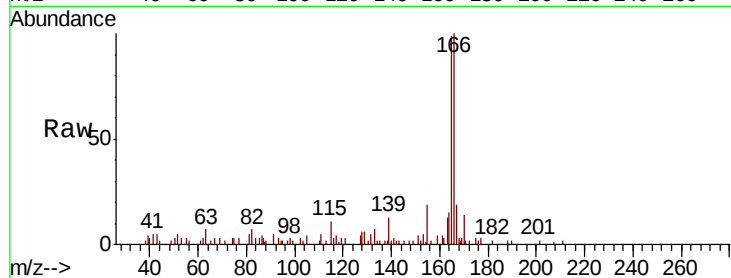
Tot Ion:166 Resp: 17914

Ion Ratio Lower Upper

166 100

165 98.6 80.4 120.6

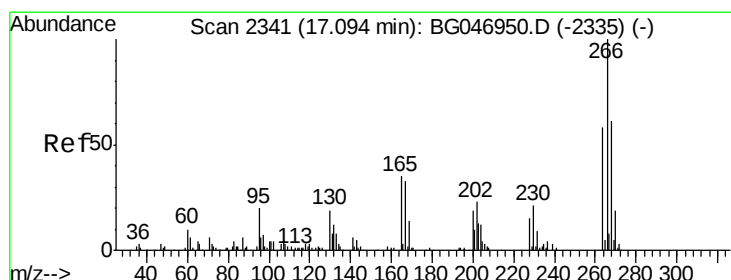
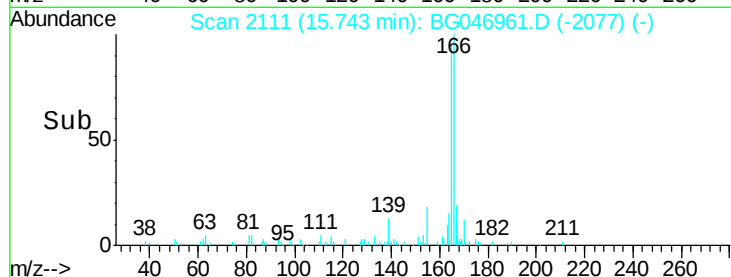
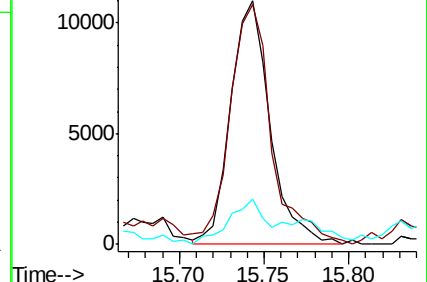
167 18.6 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Pentachlorophenol

Concen: 519.677 ng/ul

RT: 17.11 min Scan# 2343

Delta R.T. 0.01 min

Lab File: BG046961.D

Acq: 18 Oct 2020 5:06

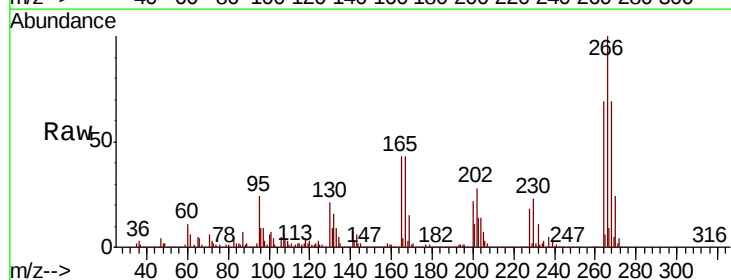
Tgt Ion:266 Resp: 1813216

Ion Ratio Lower Upper

266 100

264 68.6 52.6 78.8

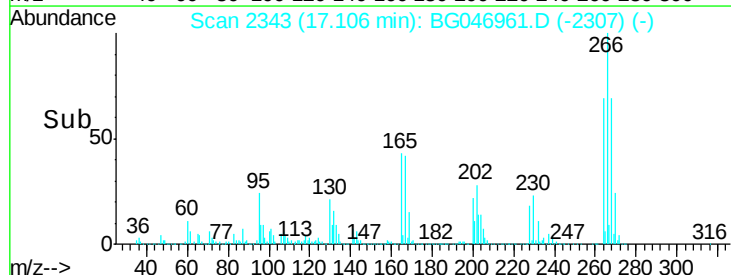
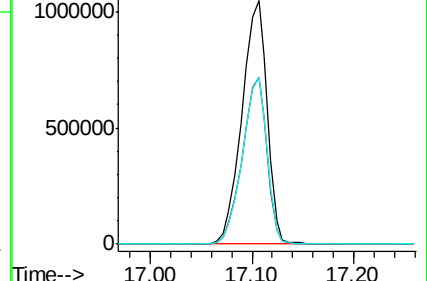
268 68.5 52.2 78.2

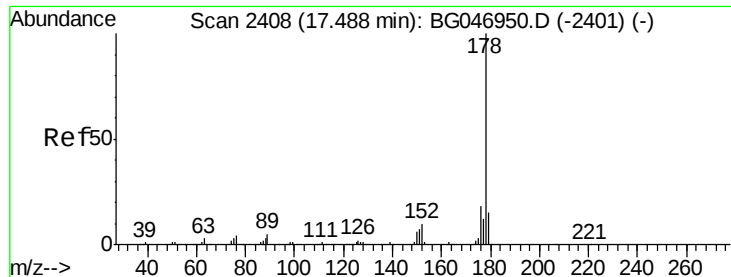


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 1.796 ng/ul

RT: 17.49 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BG046961.D

Acq: 18 Oct 2020 5:06

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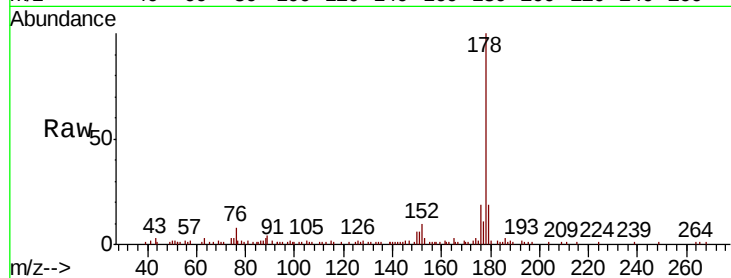
Tot Ion:178 Resp: 41583

Ion Ratio Lower Upper

178 100

179 19.1 12.5 18.7#

176 18.8 15.0 22.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

