

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059163.D
 Acq On : 22 Sep 2023 14:33
 Operator : MA/JU
 Sample : 04429-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBKJ4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2023
 Supervised By :mohammad ahmed 09/23/2023

Quant Time: Sep 23 04:38:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 04:25:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	27259	20.000	ng/ul	0.00
20) Naphthalene-d8	11.150	136	136288	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.928	164	87882	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.683	188	168181	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.002	240	144699	20.000	ng/ul	# 0.00
88) Perylene-d12	25.562	264	166757	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	3690	5.299	ng/uL	0.00
4) Pyridine-d5	4.046	84	35068	17.164	ng/ul	0.00
7) Phenol-d5	7.431	99	35887	13.389	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.619	67	85388	51.912	ng/ul	0.00
11) 2-Chlorophenol-d4	7.818	132	87899	44.439	ng/ul	0.00
15) 4-Methylphenol-d8	9.011	113	64725	30.321	ng/ul	0.03
21) Nitrobenzene-d5	9.499	128	52163	49.600	ng/ul	0.00
24) 2-Nitrophenol-d4	10.216	143	57215	53.855	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.768	165	104387	51.756	ng/ul	0.03
31) 4-Chloroaniline-d4	11.297	131	51729	16.433	ng/ul	0.01
46) Dimethylphthalate-d6	14.328	166	334123	49.435	ng/ul	0.00
49) Acenaphthylene-d8	14.634	160	405303	49.249	ng/ul	0.00
54) 4-Nitrophenol-d4	15.169	143	13871m	11.249	ng/ul	0.07
60) Fluorene-d10	15.921	176	301749	48.774	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.032	200	67617	70.718	ng/ul	0.01
73) Anthracene-d10	17.777	188	417542	54.564	ng/ul	0.00
81) Pyrene-d10	20.051	212	484718	57.311	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.316	264	436648	53.625	ng/ul	0.02
Target Compounds					Qvalue	
12) 2-Chlorophenol	7.854	128	8330	4.128	ng/ul	97
13) 2-Methylphenol	8.741	108	55813	27.299	ng/ul	94
18) 4-Methylphenol	9.076	108	45553	20.791	ng/ul	85
30) Naphthalene	11.203	128	46652	6.397	ng/ul	97
36) 2-Methylnaphthalene	12.783	142	25854	5.308	ng/ul	98
37) 1-Methylnaphthalene	13.001	142	17000	3.455	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	13.118	216	6649	2.581	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.447	196	7297	4.010	ng/ul	87
43) 1,1'-Biphenyl	13.764	154	74856	10.671	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.509	232	29181	17.323	ng/ul#	88
59) Diethylphthalate	15.721	149	721909	106.126	ng/ul	100
67) N-Nitrosodiphenylamine	16.179	169	8626	1.926	ng/ul	95
71) Pentachlorophenol	17.307	266	47550	39.058	ng/ul	98
78) Di-n-butylphthalate	18.594	149	52849	5.366	ng/ul#	91

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

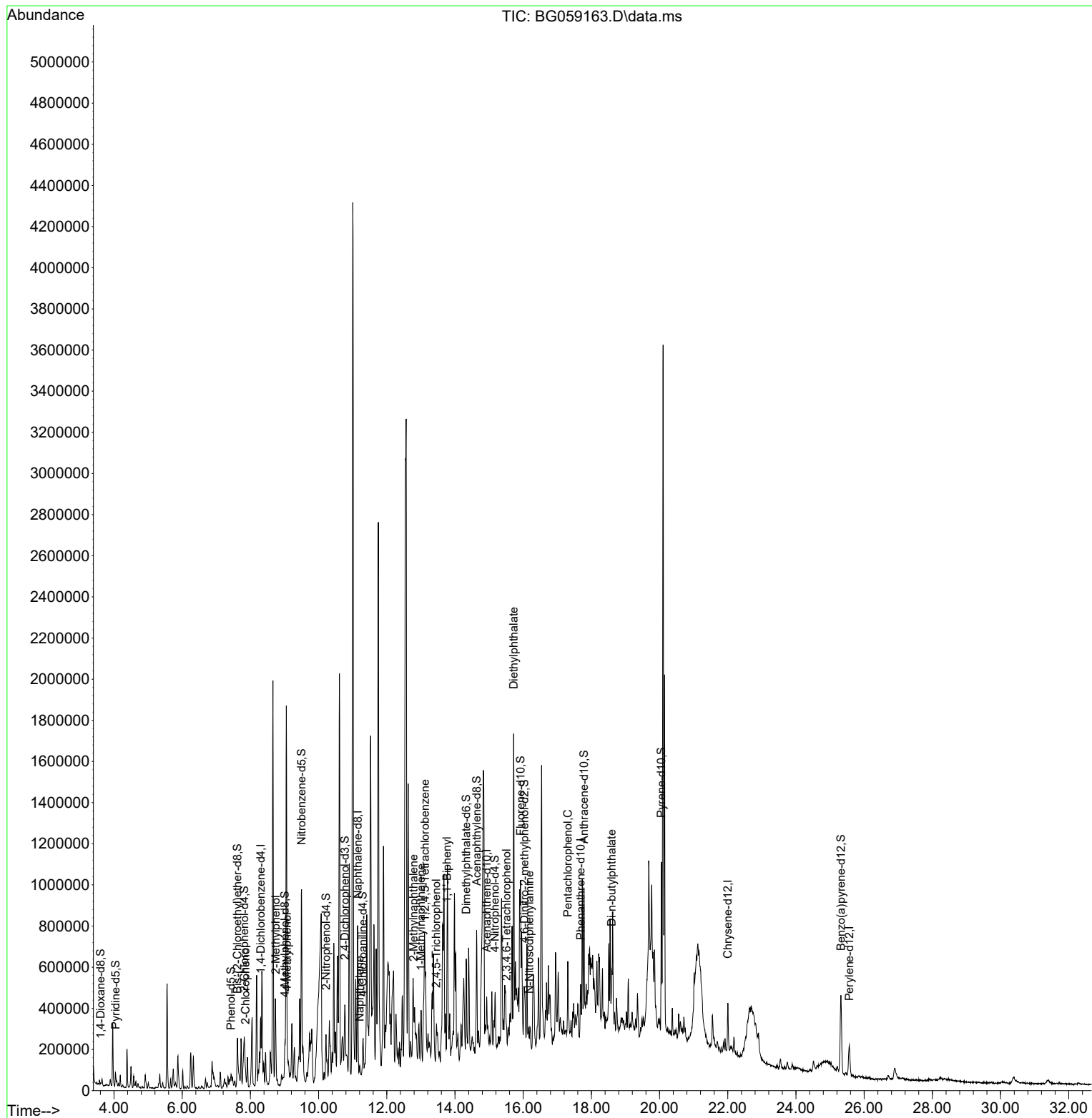
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
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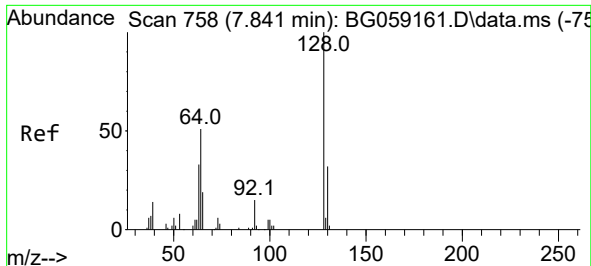
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#12

2-Chlorophenol

Concen: 4.128 ng/ul

RT: 7.854 min Scan# 7

Delta R.T. 0.006 min

Lab File: BG059163.D

Acq: 22 Sep 2023 14:33

Instrument :

BNA_G

ClientSampleId :

BBKJ4

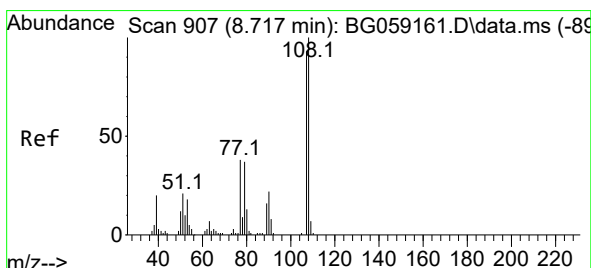
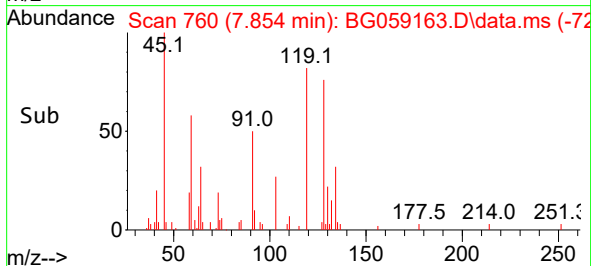
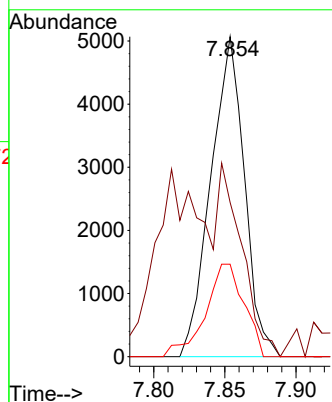
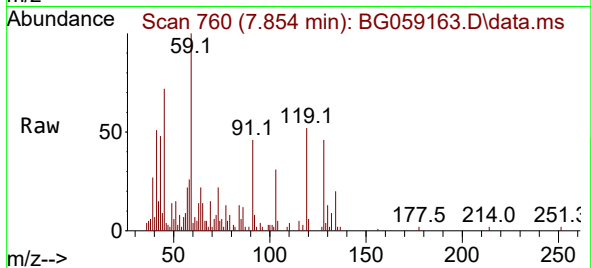
Tgt Ion	Ratio	Lower	Upper
128	100		
64	48.2	40.3	60.5
130	28.9	24.0	36.0

Manual Integrations

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Supervised By :mohammad ahmed 09/23/2023



#13

2-Methylphenol

Concen: 27.299 ng/ul

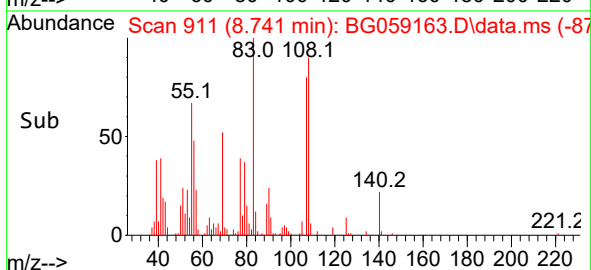
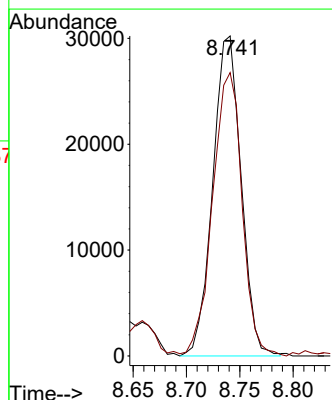
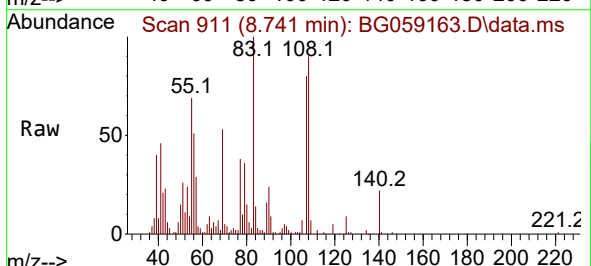
RT: 8.741 min Scan# 911

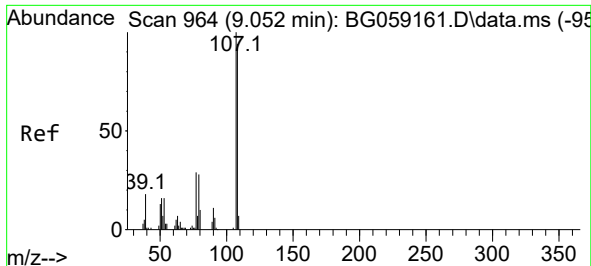
Delta R.T. 0.024 min

Lab File: BG059163.D

Acq: 22 Sep 2023 14:33

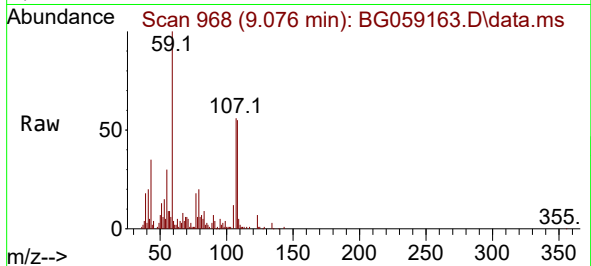
Tgt Ion	Ratio	Lower	Upper
108	100		
107	88.6	75.1	112.7





#18
4-Methylphenol
Concen: 20.791 ng/ul
RT: 9.076 min Scan# 90
Delta R.T. 0.030 min
Lab File: BG059163.D
Acq: 22 Sep 2023 14:33

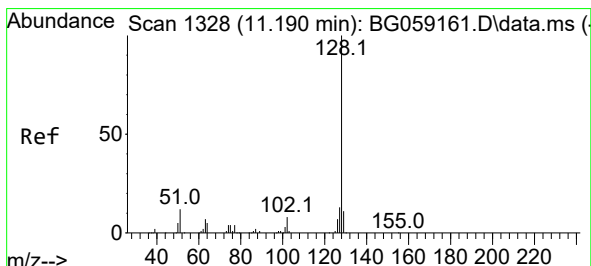
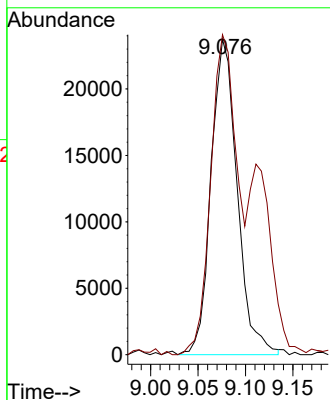
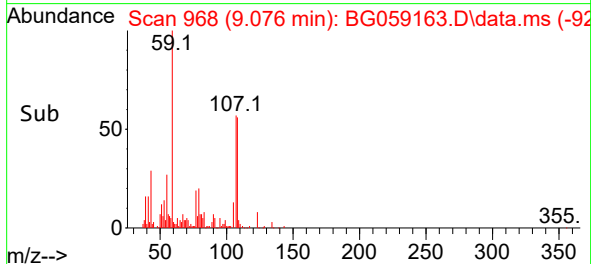
Instrument :
BNA_G
ClientSampleId :
BBKJ4



Tgt Ion:108 Resp: 4555
Ion Ratio Lower Upper
108 100
107 101.5 94.4 141.6

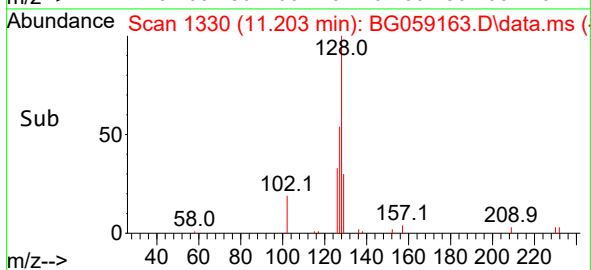
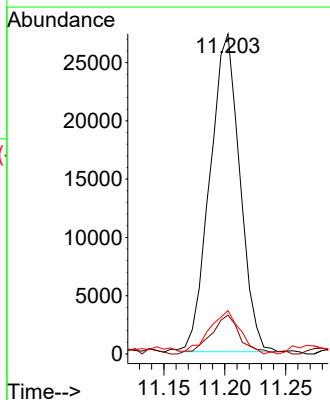
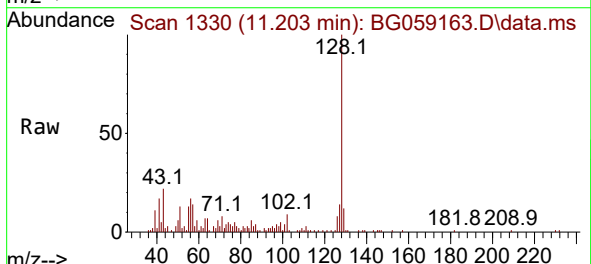
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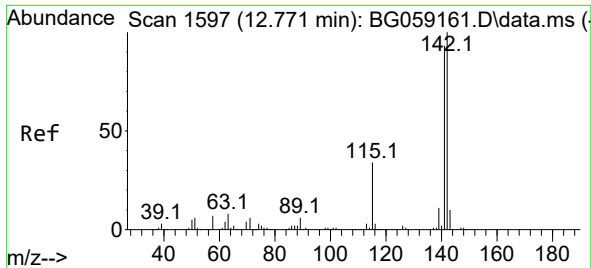
Reviewed By :Yogesh Patel 09/23/2023
Supervised By :mohammad ahmed 09/23/2023



#30
Naphthalene
Concen: 6.397 ng/ul
RT: 11.203 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BG059163.D
Acq: 22 Sep 2023 14:33

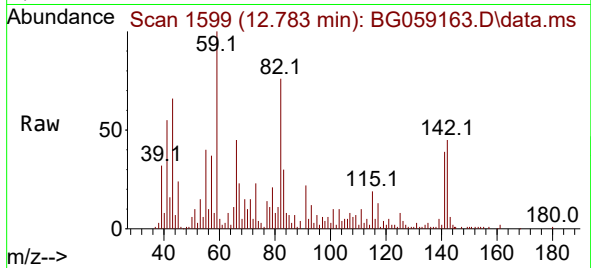
Tgt Ion:128 Resp: 46652
Ion Ratio Lower Upper
128 100
129 12.2 8.4 12.6
127 13.5 10.2 15.4





#36
2-Methylnaphthalene
Concen: 5.308 ng/ul
RT: 12.783 min Scan# 1599
Delta R.T. 0.006 min
Lab File: BG059163.D
Acq: 22 Sep 2023 14:33

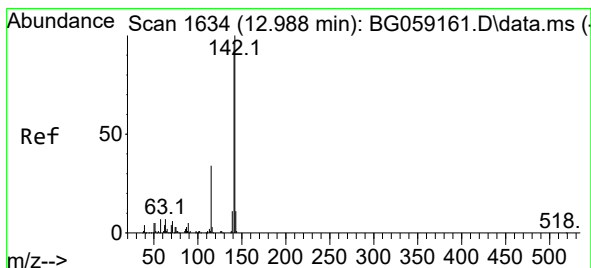
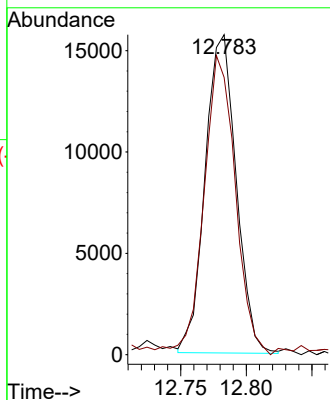
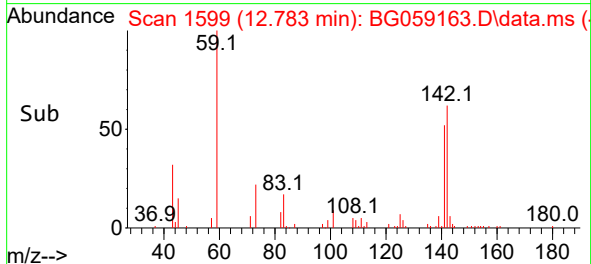
Instrument :
BNA_G
ClientSampleId :
BBKJ4



Tgt Ion:142 Resp: 25854
Ion Ratio Lower Upper
142 100
141 86.7 70.6 106.0

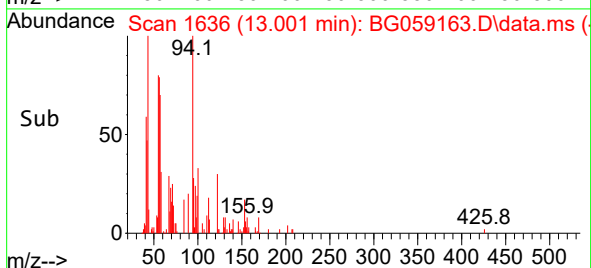
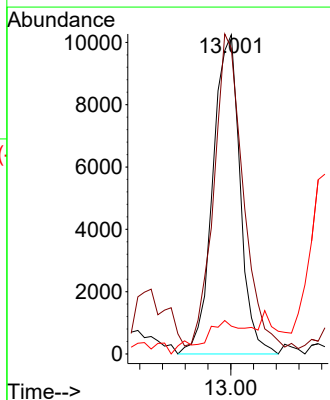
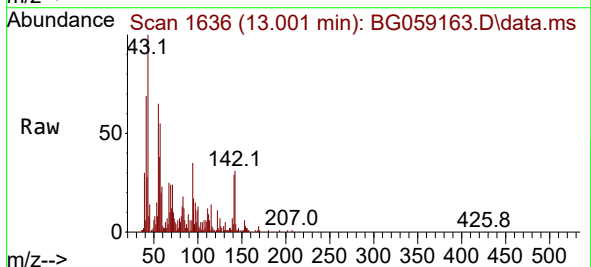
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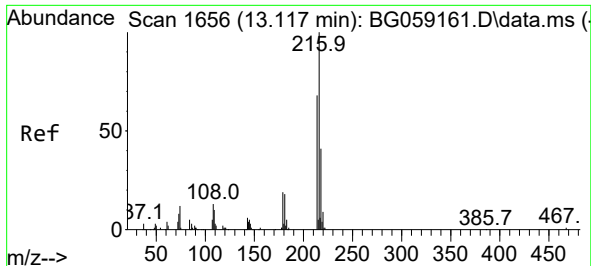
Reviewed By :Yogesh Patel 09/23/2023
Supervised By :mohammad ahmed 09/23/2023



#37
1-Methylnaphthalene
Concen: 3.455 ng/ul
RT: 13.001 min Scan# 1636
Delta R.T. 0.012 min
Lab File: BG059163.D
Acq: 22 Sep 2023 14:33

Tgt Ion:142 Resp: 17000
Ion Ratio Lower Upper
142 100
141 95.7 72.0 108.0
116 8.7 2.7 4.1#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.581 ng/ul

RT: 13.118 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG059163.D

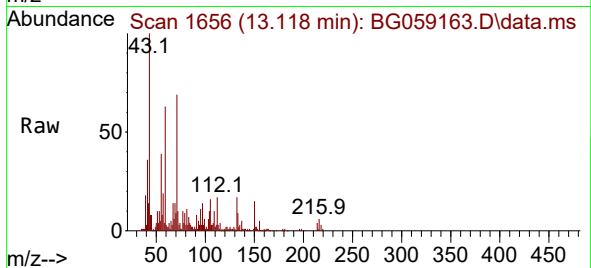
Acq: 22 Sep 2023 14:33

Instrument :

BNA_G

ClientSampleId :

BBKJ4



Tgt Ion:216 Resp: 6649

Ion Ratio Lower Upper

216 100

214 80.1 62.6 94.0

179 24.2 16.0 24.0

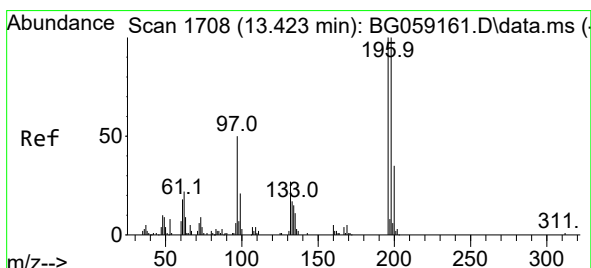
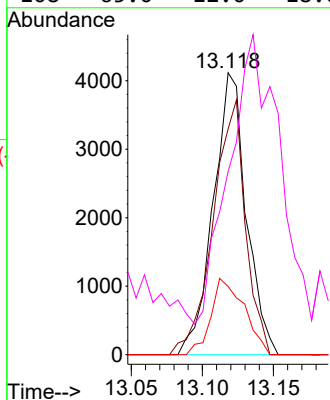
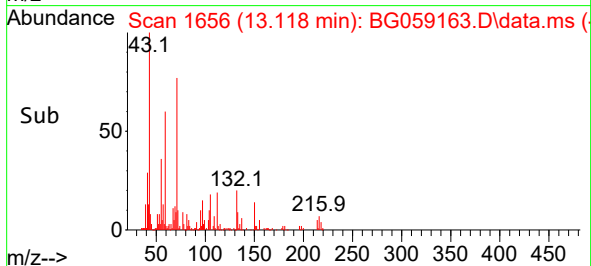
108 65.0 12.0 18.0#

Manual Integrations

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Reviewed By :Yogesh Patel 09/23/2023

Supervised By :mohammad ahmed 09/23/2023



#42

2,4,5-Trichlorophenol

Concen: 4.010 ng/ul

RT: 13.447 min Scan# 1712

Delta R.T. 0.024 min

Lab File: BG059163.D

Acq: 22 Sep 2023 14:33

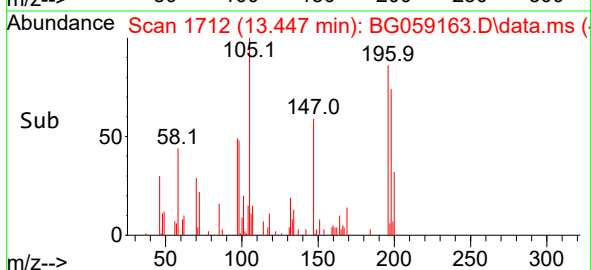
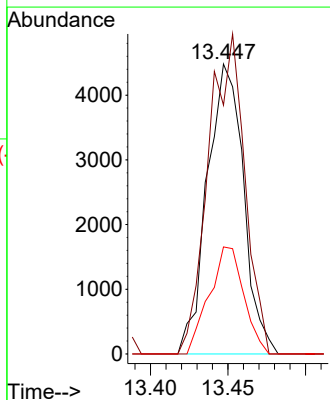
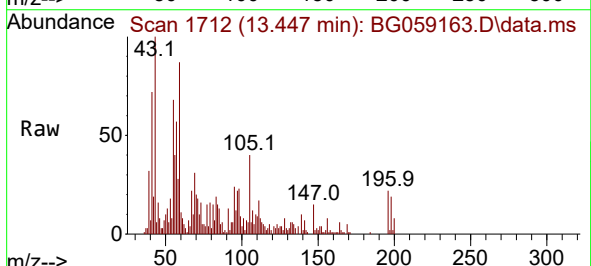
Tgt Ion:196 Resp: 7297

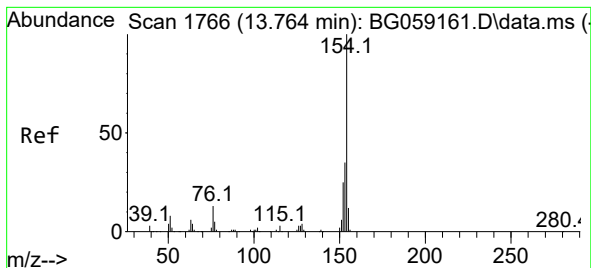
Ion Ratio Lower Upper

196 100

198 85.8 81.0 121.6

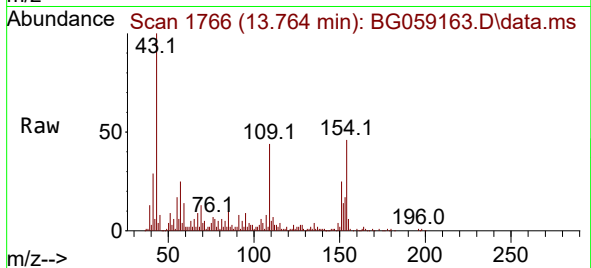
200 36.9 27.1 40.7





#43
1,1'-Biphenyl
Concen: 10.671 ng/ul
RT: 13.764 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BG059163.D
Acq: 22 Sep 2023 14:33

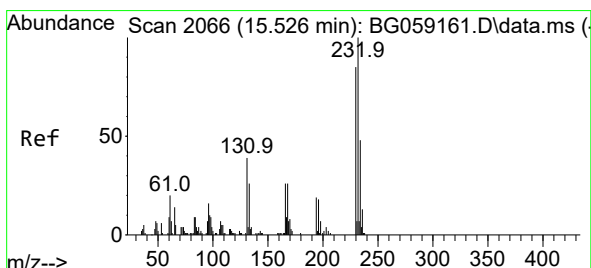
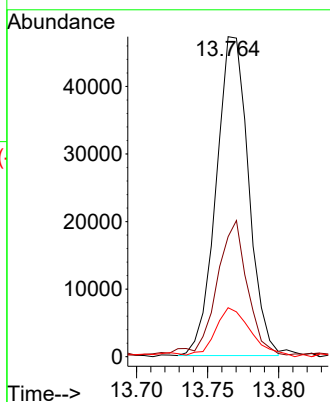
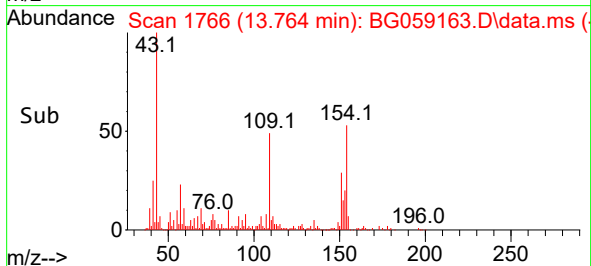
Instrument :
BNA_G
ClientSampleId :
BBKJ4



Tgt Ion:154 Resp: 74850
Ion Ratio Lower Upper
154 100
153 37.5 33.2 49.8
76 15.3 9.8 14.8

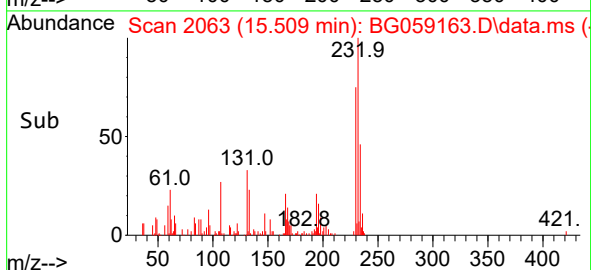
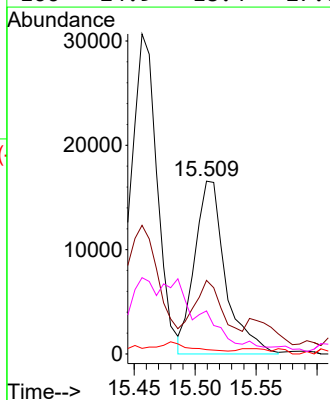
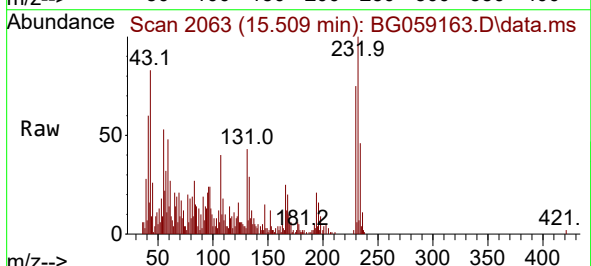
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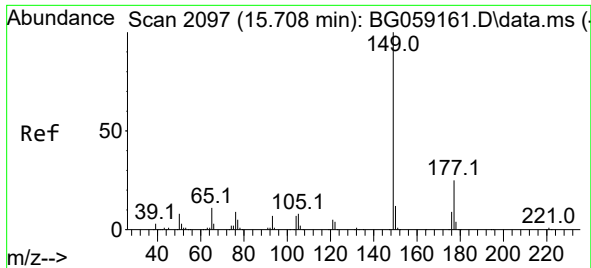
Reviewed By :Yogesh Patel 09/23/2023
Supervised By :mohammad ahmed 09/23/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 17.323 ng/ul
RT: 15.509 min Scan# 2063
Delta R.T. -0.023 min
Lab File: BG059163.D
Acq: 22 Sep 2023 14:33

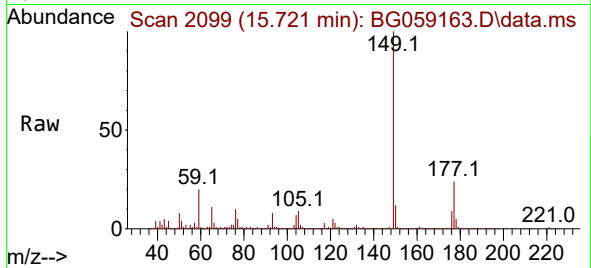
Tgt Ion:232 Resp: 29181
Ion Ratio Lower Upper
232 100
131 42.6 25.8 38.8#
130 2.5 1.8 2.6
166 24.9 18.4 27.6





#59
Diethylphthalate
Concen: 106.126 ng/ul
RT: 15.721 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BG059163.D
Acq: 22 Sep 2023 14:33

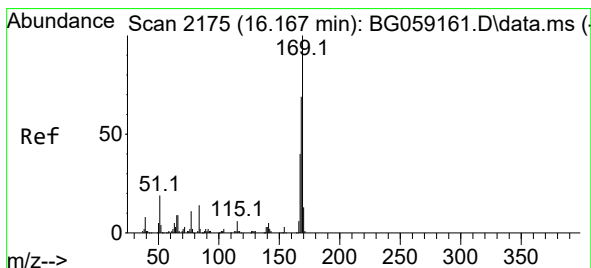
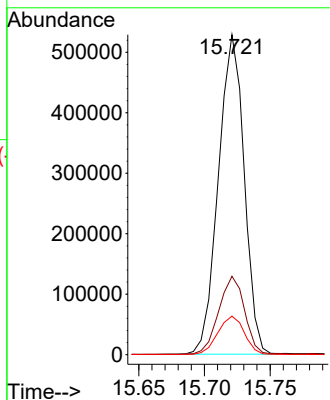
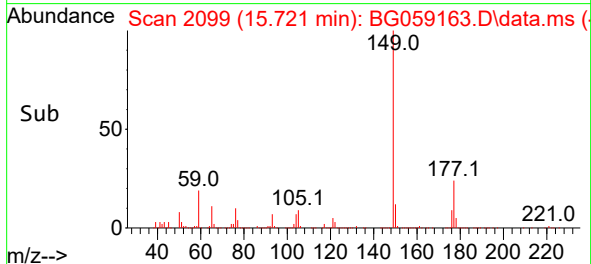
Instrument :
BNA_G
ClientSampleId :
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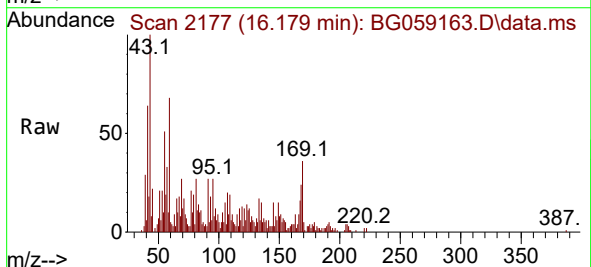
Tgt Ion:149 Resp: 721909
Ion Ratio Lower Upper
149 100
177 24.5 19.4 29.2
150 12.0 9.8 14.8

Manual Integrations
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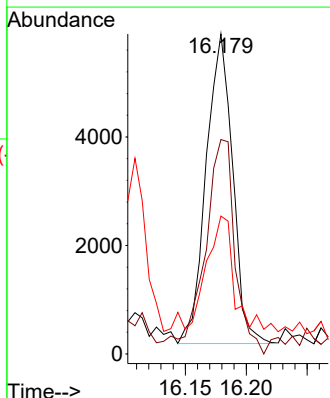
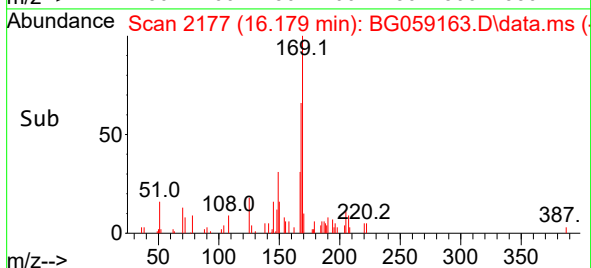
Reviewed By :Yogesh Patel 09/23/2023
Supervised By :mohammad ahmed 09/23/2023

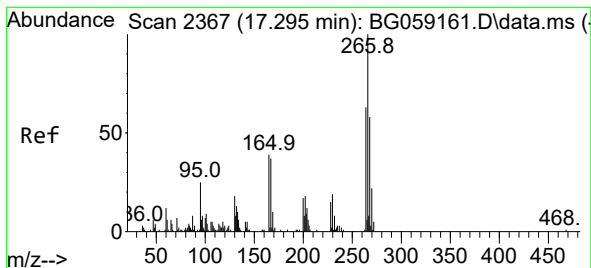


#67
N-Nitrosodiphenylamine
Concen: 1.926 ng/ul
RT: 16.179 min Scan# 2177
Delta R.T. 0.006 min
Lab File: BG059163.D
Acq: 22 Sep 2023 14:33



Tgt Ion:169 Resp: 8626
Ion Ratio Lower Upper
169 100
168 67.0 52.1 78.1
167 43.1 30.5 45.7





#71

Pentachlorophenol

Concen: 39.058 ng/ul

RT: 17.307 min Scan# 21

Delta R.T. 0.012 min

Lab File: BG059163.D

Acq: 22 Sep 2023 14:33

Instrument :

BNA_G

ClientSampleId :

BBKJ4

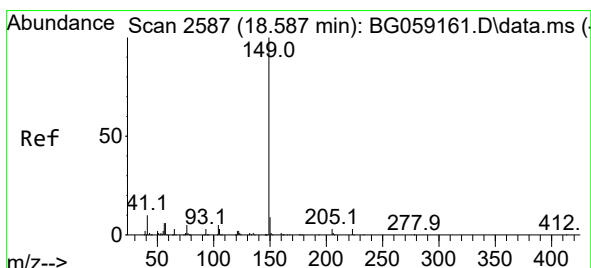
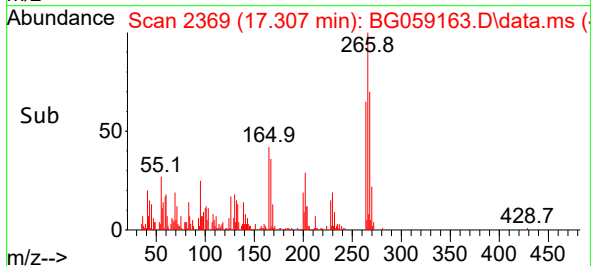
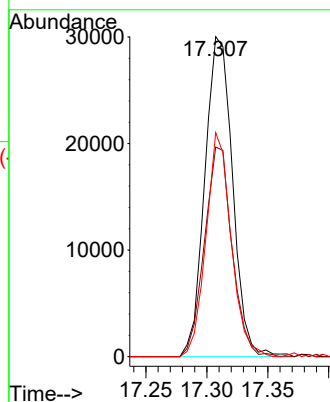
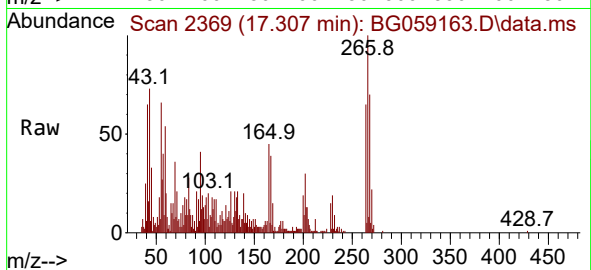
Tgt Ion:266 Resp: 47550
 Ion Ratio Lower Upper
 266 100
 264 65.5 50.6 76.0
 268 70.0 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/23/2023

Supervised By :mohammad ahmed 09/23/2023



#78

Di-n-butylphthalate

Concen: 5.366 ng/ul

RT: 18.594 min Scan# 2588

Delta R.T. 0.000 min

Lab File: BG059163.D

Acq: 22 Sep 2023 14:33

Tgt Ion:149 Resp: 52849
 Ion Ratio Lower Upper
 149 100
 150 13.1 7.4 11.2#
 104 6.8 3.5 5.3#

