

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063018.D
 Acq On : 24 Sep 2024 8:17
 Operator : RC/JU
 Sample : P3879-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 26 01:55:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	15051	20.000	ng/ul	0.01
20) Naphthalene-d8	10.661	136	61584	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.504	164	52712	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.265	188	119397	20.000	ng/ul	# 0.03
79) Chrysene-d12	21.490	240	141459	20.000	ng/ul	# 0.00
88) Perylene-d12	24.527	264	176271	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	2450m	4.768	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.218	99	65875m	42.179	ng/ul	0.19
9) Bis-(2-Chloroethyl)eth...	7.206	67	29156	33.360	ng/ul	0.02
11) 2-Chlorophenol-d4	7.465	132	42007	40.968	ng/ul	0.08
15) 4-Methylphenol-d8	8.663	113	46512m	40.654	ng/ul	0.10
21) Nitrobenzene-d5	9.034	128	22522	45.905	ng/ul	0.03
24) 2-Nitrophenol-d4	9.750	143	26448	47.517	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.344	165	53487	46.316	ng/ul	0.08
31) 4-Chloroaniline-d4	10.779	131	13755	9.571	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	160395	40.919	ng/ul	0.03
49) Acenaphthylene-d8	14.198	160	169772	38.778	ng/ul	0.02
54) 4-Nitrophenol-d4	14.809	143	18264m	29.076	ng/ul	0.12
60) Fluorene-d10	15.497	176	147808	40.497	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.620	200	36707	50.858	ng/ul	0.02
73) Anthracene-d10	17.359	188	251517	44.572	ng/ul	0.02
81) Pyrene-d10	19.639	212	335896	39.205	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.327	264	417295	44.889	ng/ul	0.02
Target Compounds						
					Qvalue	
23) Isophorone	9.615	82	610730m	210.546	ng/ul	
29) 2,4-Dichlorophenol	10.367	162	18096m	15.829	ng/ul	
30) Naphthalene	10.714	128	475351	139.014	ng/ul	97
36) 2-Methylnaphthalene	12.324	142	221618	89.938	ng/ul	97
37) 1-Methylnaphthalene	12.541	142	137580	55.170	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.976	196	26443m	22.715	ng/ul	
42) 2,4,5-Trichlorophenol	13.058	196	98409m	80.468	ng/ul	
43) 1,1'-Biphenyl	13.329	154	18762	4.792	ng/ul#	62
47) Dimethylphthalate	13.969	163	9727	2.425	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.179	232	3004323	2729.912	ng/ul	95
61) Fluorene	15.550	166	14770	3.888	ng/ul	97
71) Pentachlorophenol	16.983	266	8803782	10073.752	ng/ul#	81
72) Phenanthrene	17.300	178	30744	4.847	ng/ul	97

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

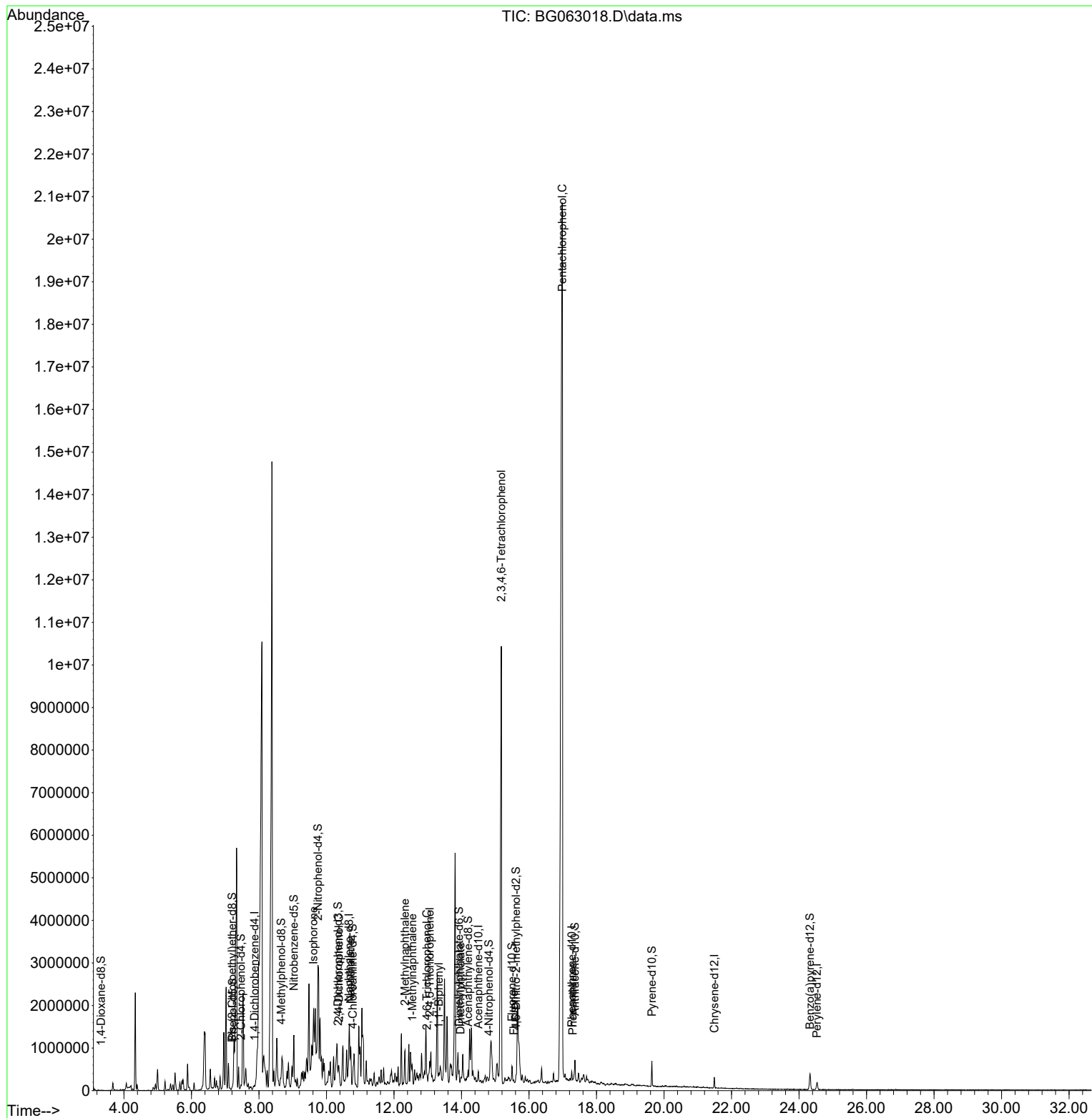
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063018.D
Acq On : 24 Sep 2024 8:17
Operator : RC/JU
Sample : P3879-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

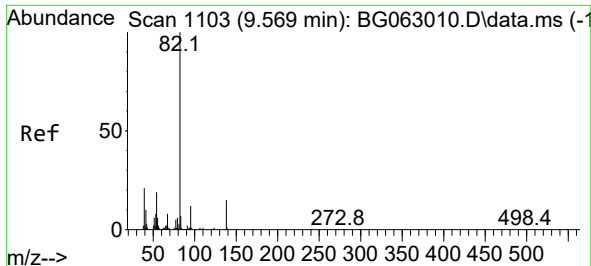
Instrument :
BNA_G
ClientSampleId :
DCVZ9

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Supervised By :mohammad ahmed 09/26/2024

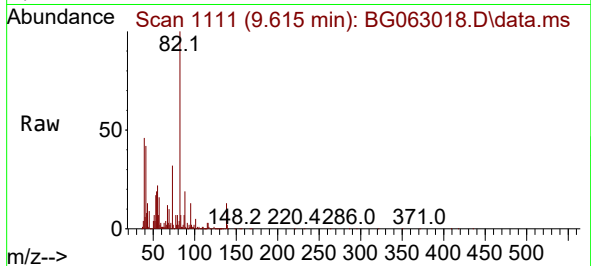
Quant Time: Sep 26 01:55:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
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#23
Isophorone
Concen: 210.546 ng/ul m
RT: 9.615 min Scan# 1111
Delta R.T. 0.046 min
Lab File: BG063018.D
Acq: 24 Sep 2024 8:17

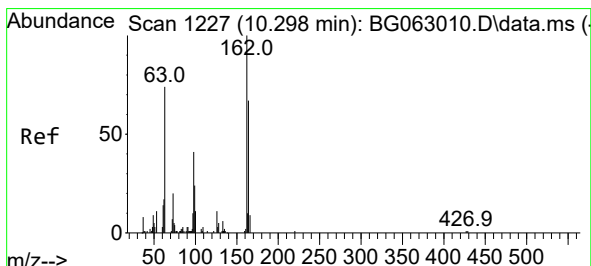
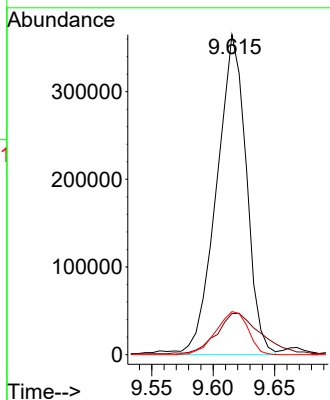
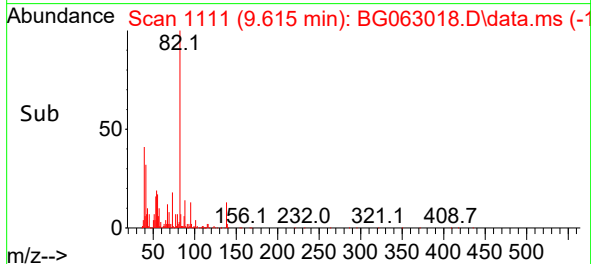
Instrument :
BNA_G
ClientSampleId :
DCVZ9



Tgt Ion: 82 Resp: 610730
Ion Ratio Lower Upper
82 100
95 12.9 6.2 9.4
138 13.5 10.9 16.3

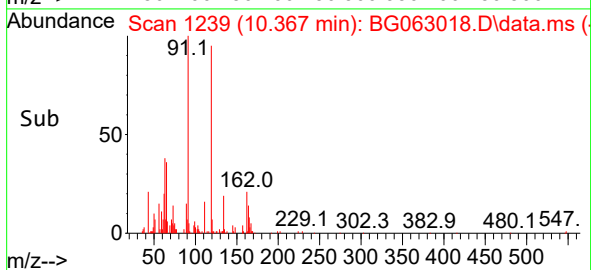
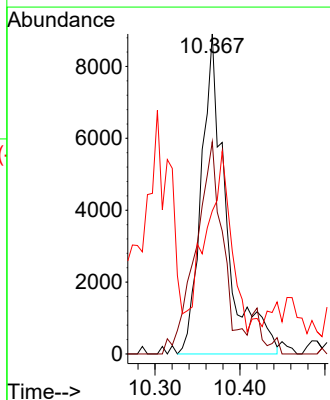
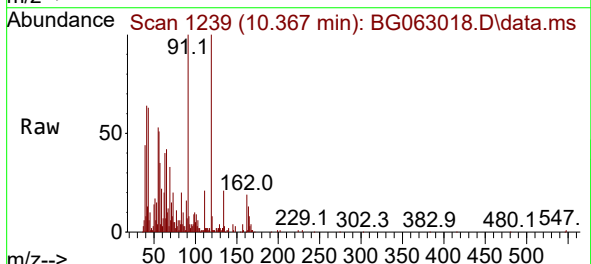
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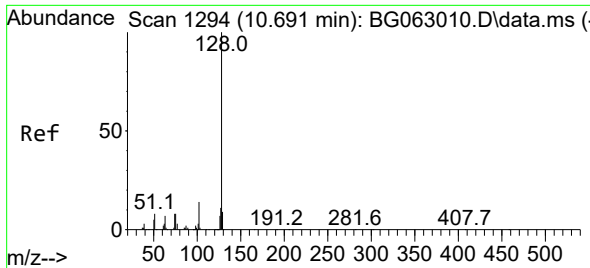
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#29
2,4-Dichlorophenol
Concen: 15.829 ng/ul m
RT: 10.367 min Scan# 1239
Delta R.T. 0.069 min
Lab File: BG063018.D
Acq: 24 Sep 2024 8:17

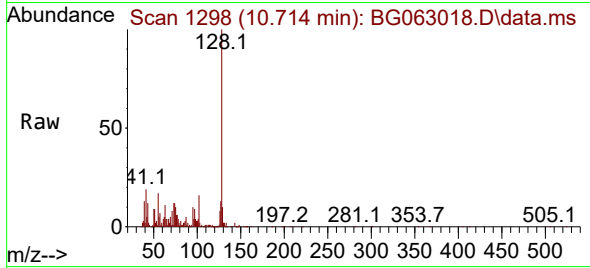
Tgt Ion:162 Resp: 18096
Ion Ratio Lower Upper
162 100
164 66.3 48.8 73.2
98 44.7 30.7 46.1





#30
Naphthalene
Concen: 139.014 ng/ul
RT: 10.714 min Scan# 11
Delta R.T. 0.017 min
Lab File: BG063018.D
Acq: 24 Sep 2024 8:17

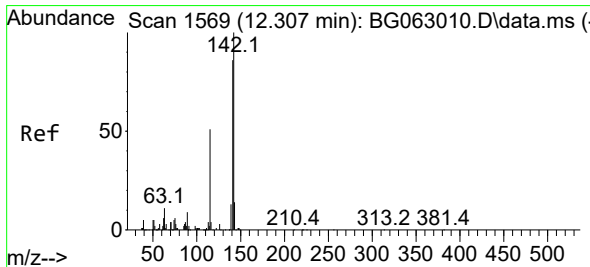
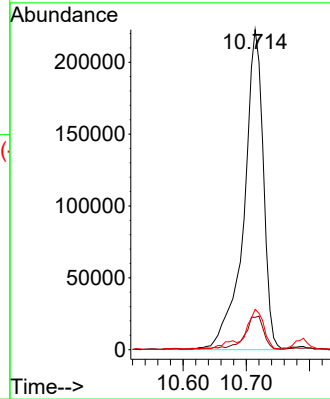
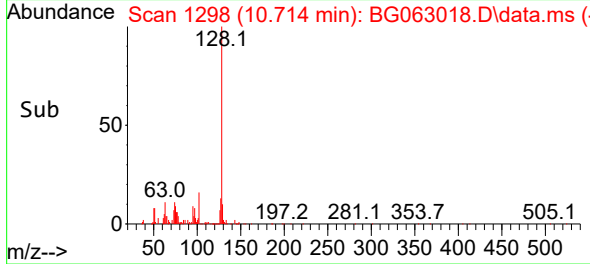
Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 47535
Ion Ratio Lower Upper
128 100
129 10.1 7.1 10.7
127 12.6 9.4 14.2

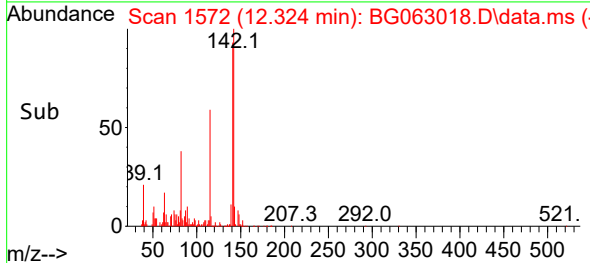
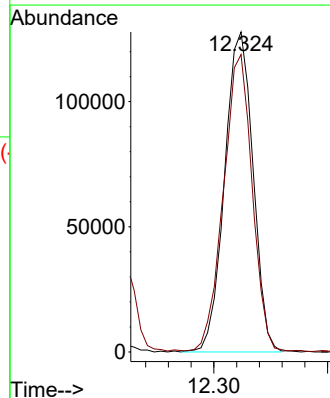
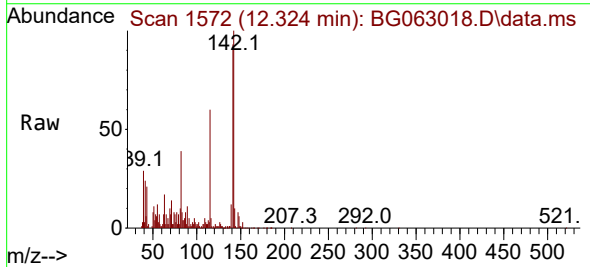
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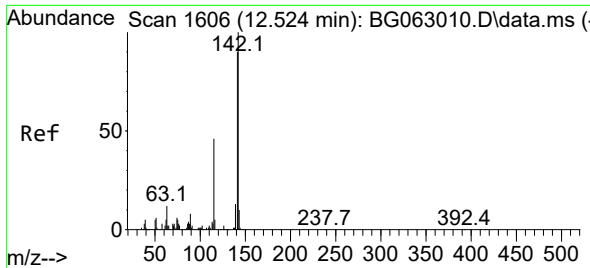
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#36
2-Methylnaphthalene
Concen: 89.938 ng/ul
RT: 12.324 min Scan# 1572
Delta R.T. 0.017 min
Lab File: BG063018.D
Acq: 24 Sep 2024 8:17

Tgt Ion:142 Resp: 221618
Ion Ratio Lower Upper
142 100
141 92.9 76.5 114.7





#37

1-Methylnaphthalene

Concen: 55.170 ng/ul

RT: 12.541 min Scan# 1609

Delta R.T. 0.017 min

Lab File: BG063018.D

Acq: 24 Sep 2024 8:17

Instrument :

BNA_G

ClientSampleId :

DCVZ9

Tgt Ion:142 Resp: 137580

Ion Ratio Lower Upper

142 100

141 96.4 74.1 111.1

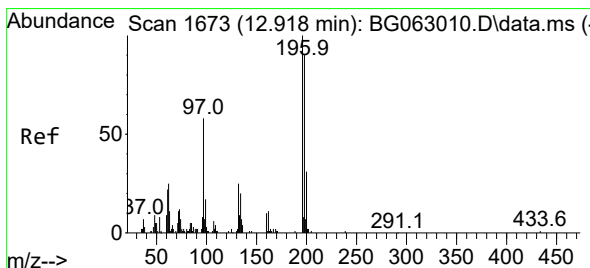
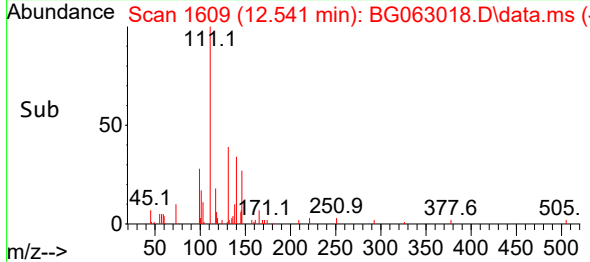
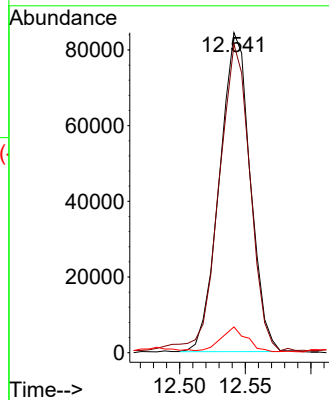
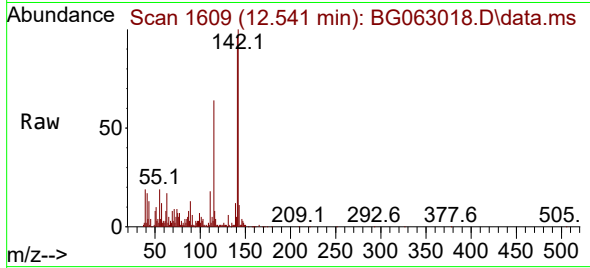
116 8.0 3.6 5.4

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Supervised By :mohammad ahmed 09/26/2024



#41

2,4,6-Trichlorophenol

Concen: 22.715 ng/ul m

RT: 12.976 min Scan# 1683

Delta R.T. 0.058 min

Lab File: BG063018.D

Acq: 24 Sep 2024 8:17

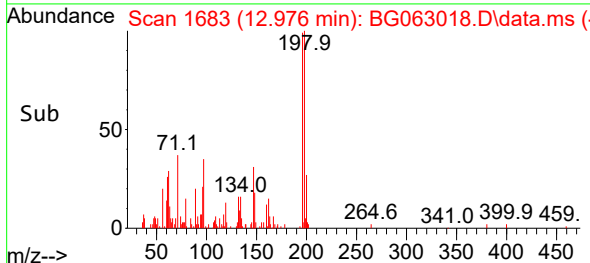
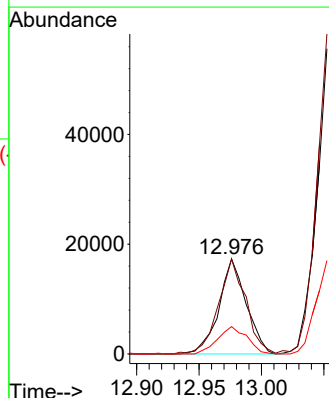
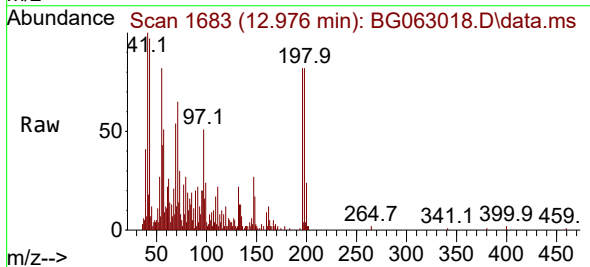
Tgt Ion:196 Resp: 26443

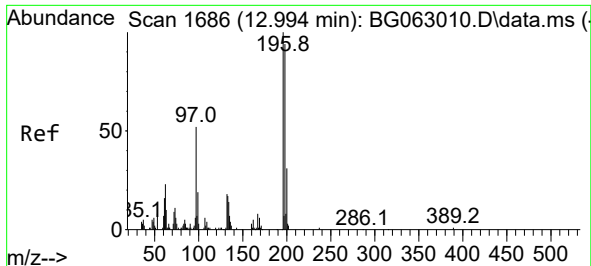
Ion Ratio Lower Upper

196 100

198 100.0 81.8 122.6

200 28.7 30.5 45.7#





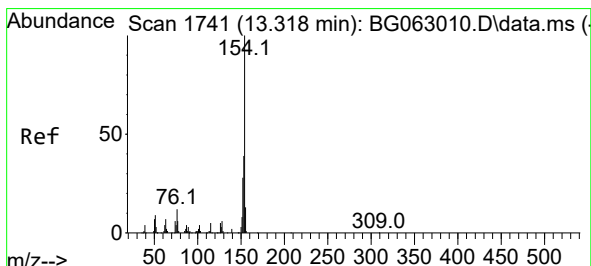
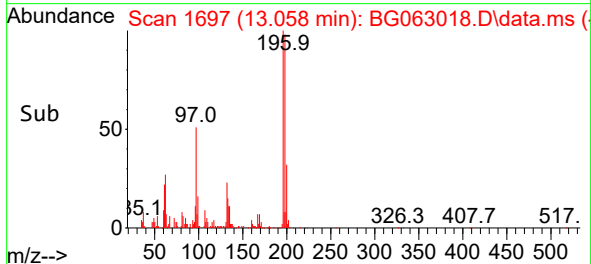
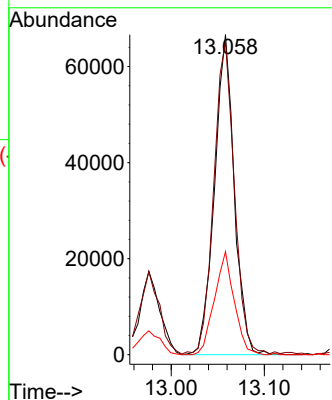
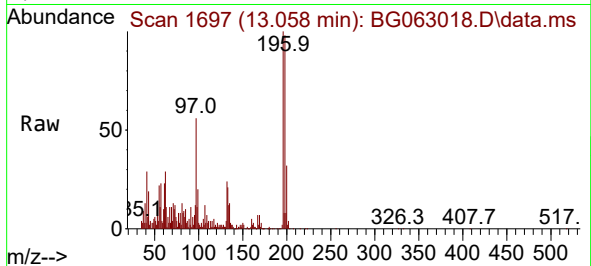
#42
2,4,5-Trichlorophenol
Concen: 80.468 ng/ul m
RT: 13.058 min Scan# 1
Delta R.T. 0.064 min
Lab File: BG063018.D
Acq: 24 Sep 2024 8:17

Instrument :
BNA_G
ClientSampleId :
DCVZ9

Tgt Ion:196 Resp: 98409
Ion Ratio Lower Upper
196 100
198 97.8 75.5 113.3
200 32.2 25.5 38.3

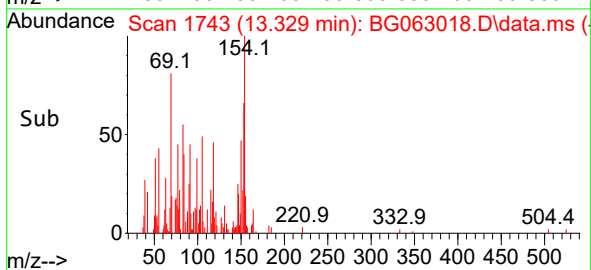
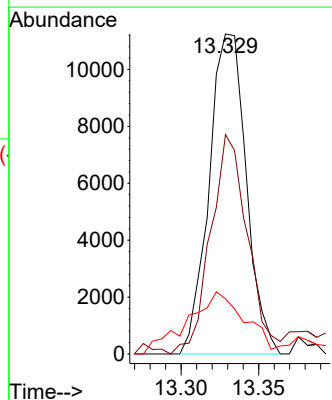
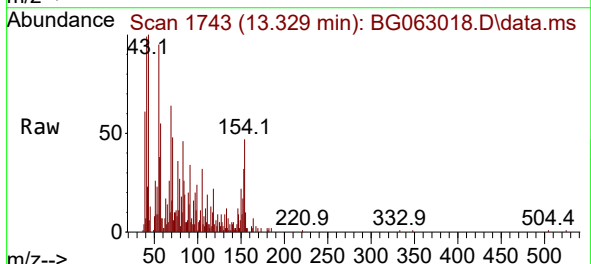
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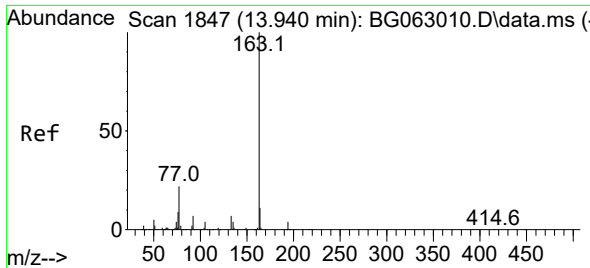
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#43
1,1'-Biphenyl
Concen: 4.792 ng/ul
RT: 13.329 min Scan# 1743
Delta R.T. 0.011 min
Lab File: BG063018.D
Acq: 24 Sep 2024 8:17

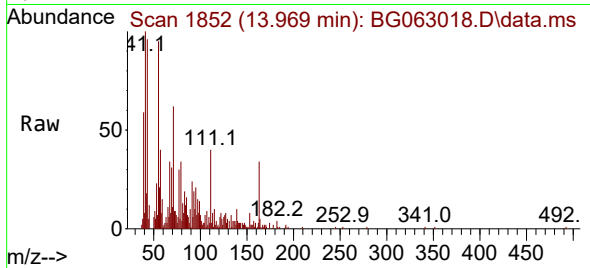
Tgt Ion:154 Resp: 18762
Ion Ratio Lower Upper
154 100
153 68.6 30.3 45.5#
76 17.3 11.9 17.9





#47
Dimethylphthalate
Concen: 2.425 ng/ul
RT: 13.969 min Scan# 1847
Delta R.T. 0.028 min
Lab File: BG063018.D
Acq: 24 Sep 2024 8:17

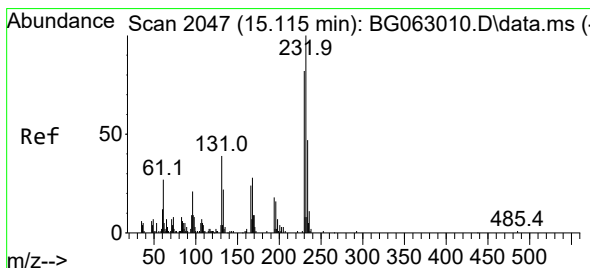
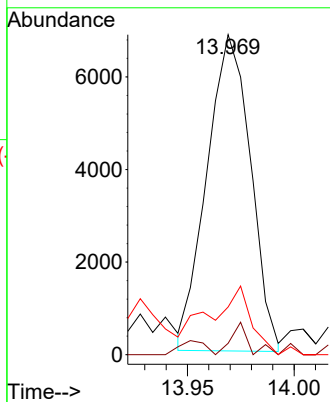
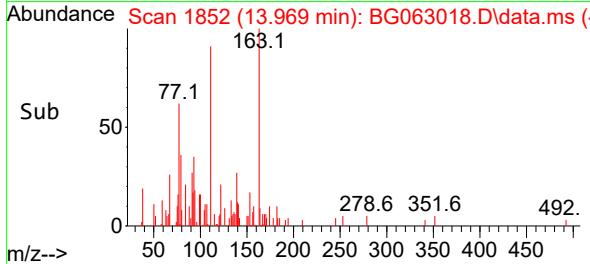
Instrument :
BNA_G
ClientSampleId :
DCVZ9



Tgt Ion:163 Resp: 972
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 14.9 8.2 12.4

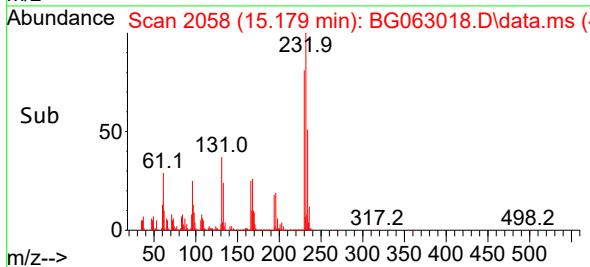
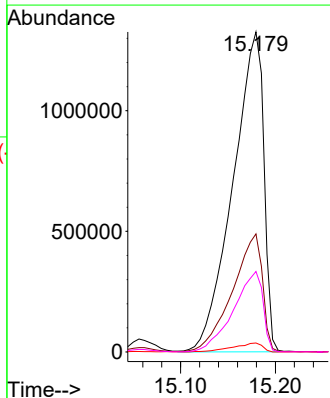
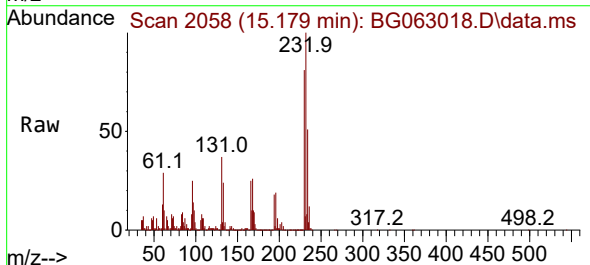
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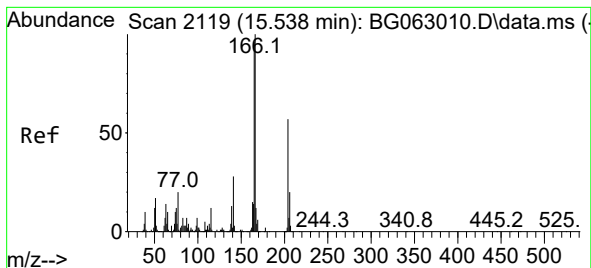
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 2729.912 ng/ul
RT: 15.179 min Scan# 2058
Delta R.T. 0.064 min
Lab File: BG063018.D
Acq: 24 Sep 2024 8:17

Tgt Ion:232 Resp: 3004323
Ion Ratio Lower Upper
232 100
131 36.9 31.9 47.9
130 2.8 1.9 2.9
166 25.1 22.1 33.1





#61

Fluorene

Concen: 3.888 ng/ul

RT: 15.550 min Scan# 2119

Delta R.T. 0.011 min

Lab File: BG063018.D

Acq: 24 Sep 2024 8:17

Instrument :

BNA_G

ClientSampleId :

DCVZ9

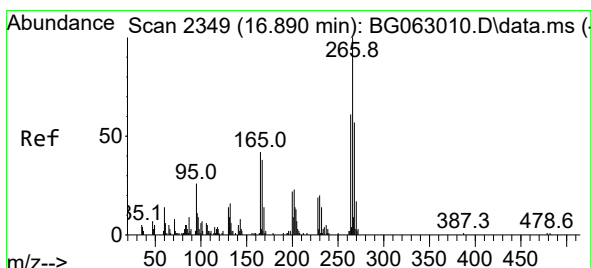
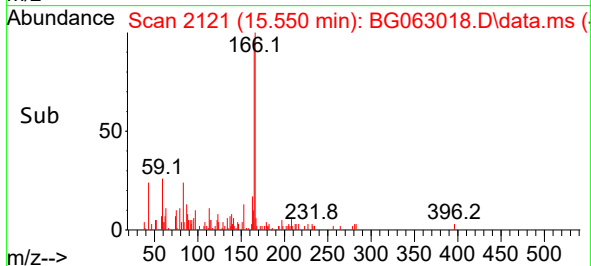
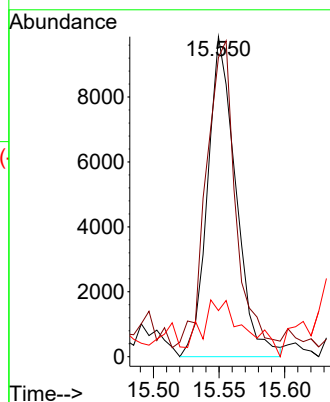
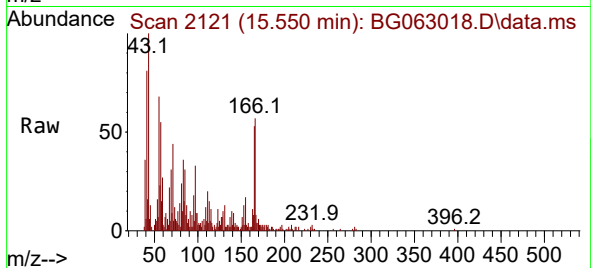
Tgt Ion:	166	Resp:	14770
Ion Ratio	Lower	Upper	
166	100		
165	93.5	77.2	115.8
167	14.4	10.8	16.2

Manual Integrations

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Supervised By :mohammad ahmed 09/26/2024



#71

Pentachlorophenol

Concen: 10073.752 ng/ul

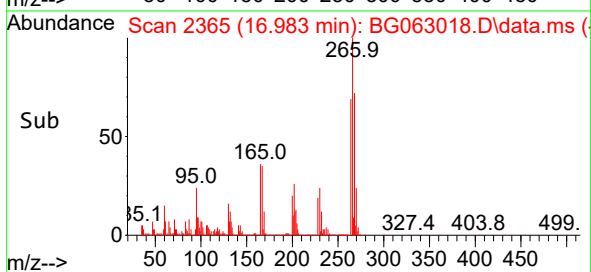
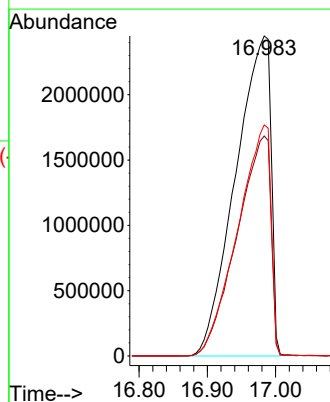
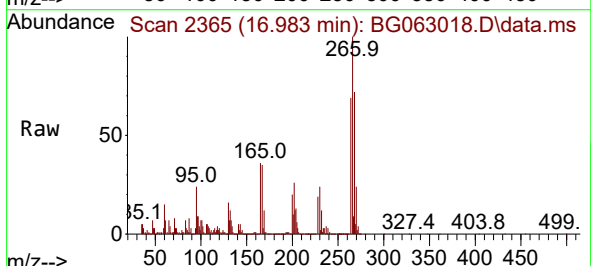
RT: 16.983 min Scan# 2365

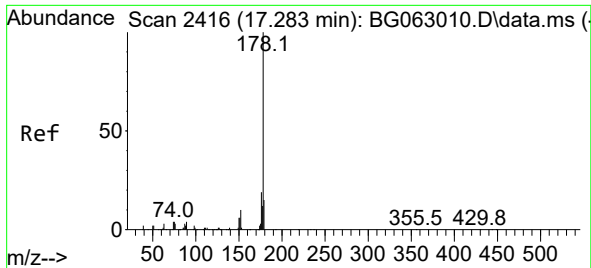
Delta R.T. 0.093 min

Lab File: BG063018.D

Acq: 24 Sep 2024 8:17

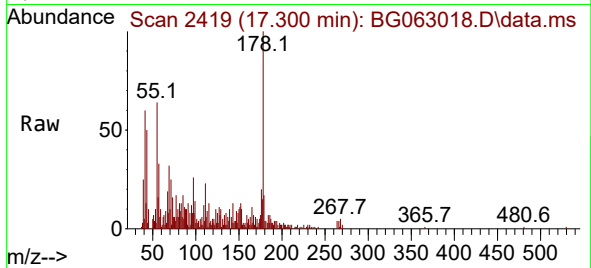
Tgt Ion:	266	Resp:	8803782
Ion Ratio	Lower	Upper	
266	100		
264	68.7	43.0	64.4#
268	72.2	47.2	70.8#





#72
 Phenanthrene
 Concen: 4.847 ng/ul
 RT: 17.300 min Scan# 2416
 Delta R.T. 0.022 min
 Lab File: BG063018.D
 Acq: 24 Sep 2024 8:17

Instrument :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.3	18.5
176	20.4	15.5	23.3

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