

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063008.D
 Acq On : 24 Sep 2024 1:04
 Operator : RC/JU
 Sample : P3879-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCC2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 24 04:00:56 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	7.859	152	22149	20.000	ng/u1	0.00
20) Naphthalene-d8	10.650	136	95910	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	87705	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.242	188	214142m	20.000	ng/u1	0.00
79) Chrysene-d12	21.490	240	229594m	20.000	ng/u1	0.00
88) Perylene-d12	24.534	264	281152m	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	2791	3.691	ng/uL	0.00
4) Pyridine-d5	3.729	84	5340m	2.601	ng/u1	0.00
7) Phenol-d5	7.031	99	27760	12.078	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.184	67	32912	25.589	ng/u1	0.00
11) 2-Chlorophenol-d4	7.395	132	37064	24.563	ng/u1	0.00
15) 4-Methylphenol-d8	8.564	113	42570	25.284	ng/u1	0.00
21) Nitrobenzene-d5	9.005	128	20559	26.907	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	22850	26.360	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.274	165	54680	30.403	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.893	166	201095	30.833	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	195140	26.789	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	14803	14.164	ng/u1	0.01
60) Fluorene-d10	15.486	176	184645	30.405	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	58351m	45.077	ng/u1	0.00
73) Anthracene-d10	17.336	188	316005	31.224	ng/u1	0.00
81) Pyrene-d10	19.634	212	420977	30.273	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.322	264	477009m	32.171	ng/u1	0.01
Target Compounds					Qvalue	
23) Isophorone	9.569	82	70378	15.579	ng/u1#	94
30) Naphthalene	10.697	128	15481	2.907	ng/u1#	97
36) 2-Methylnaphthalene	12.313	142	12778	3.330	ng/u1	94
37) 1-Methylnaphthalene	12.524	142	8838	2.276	ng/u1#	67
41) 2,4,6-Trichlorophenol	12.924	196	117451	60.639	ng/u1#	90
42) 2,4,5-Trichlorophenol	13.000	196	4989m	2.452	ng/u1	
47) Dimethylphthalate	13.940	163	21227	3.181	ng/u1#	95
58) 2,3,4,6-Tetrachlorophenol	15.121	232	256831	140.260	ng/u1#	97
71) Pentachlorophenol	16.913	266	1180205m	752.958	ng/u1	

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

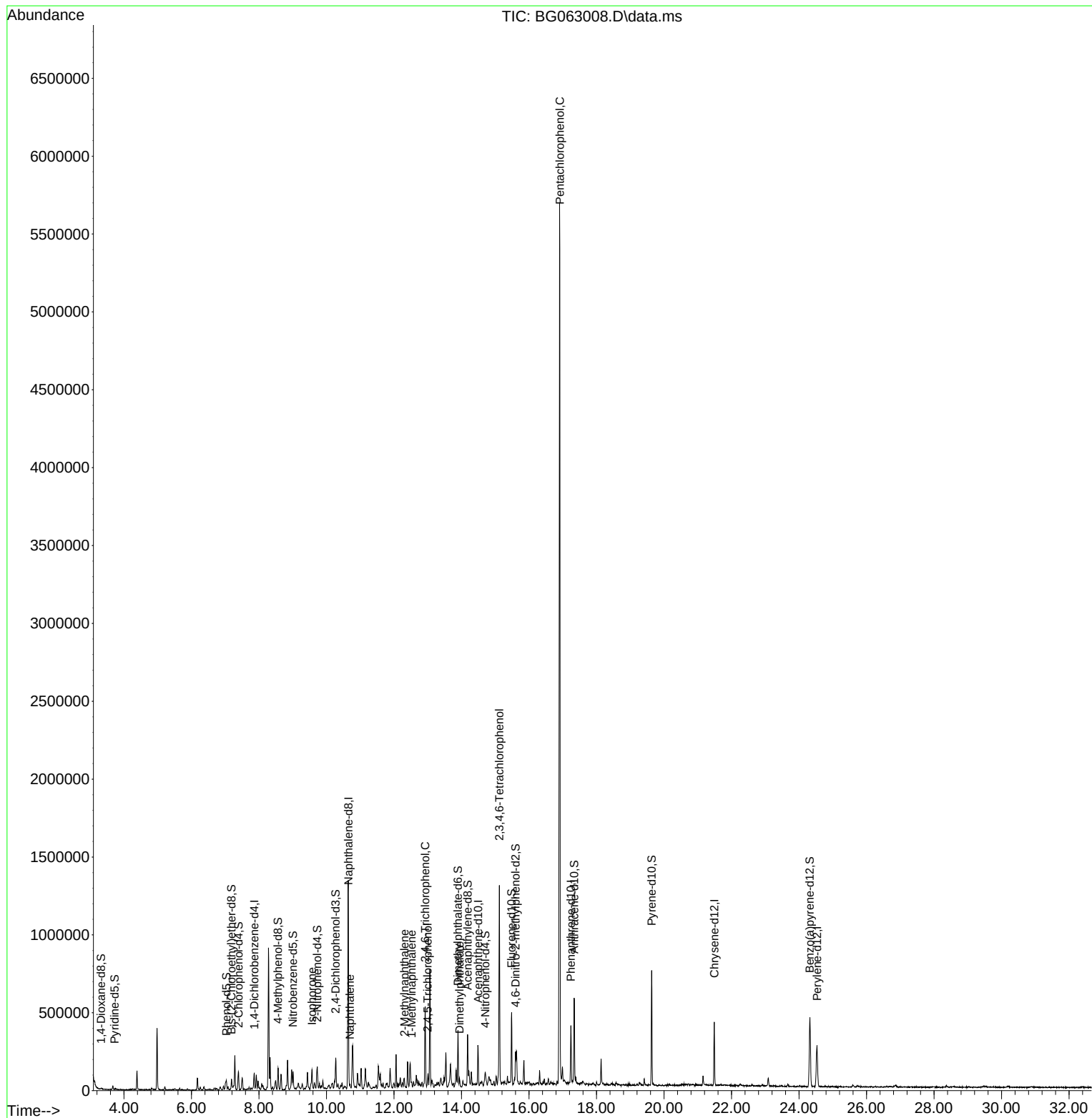
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063008.D
Acq On : 24 Sep 2024 1:04
Operator : RC/JU
Sample : P3879-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

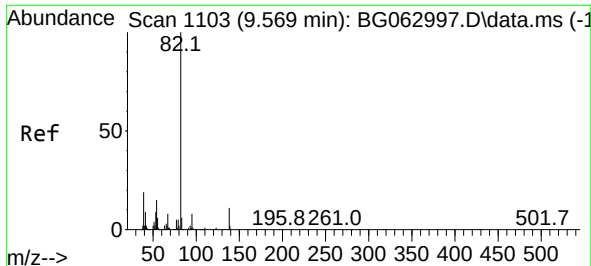
Instrument :
BNA_G
ClientSampleId :
DDCC2

Quant Time: Sep 24 04:00:56 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

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024





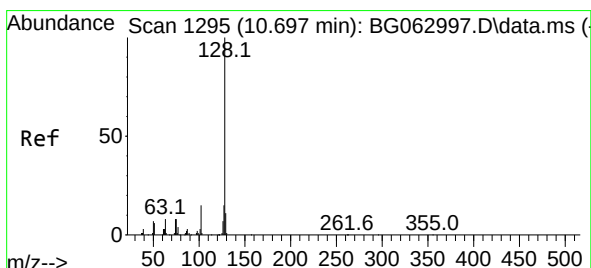
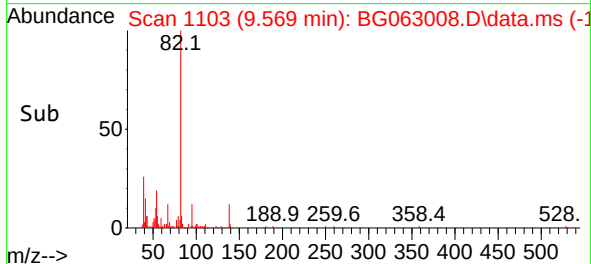
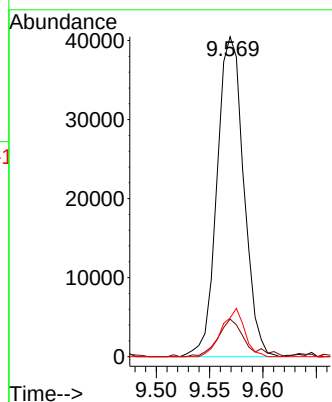
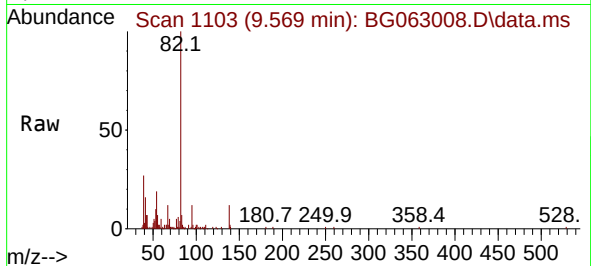
#23
Isophorone
Concen: 15.579 ng/uI
RT: 9.569 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BG063008.D
Acq: 24 Sep 2024 1:04

Instrument :
BNA_G
ClientSampleId :
DDCC2

Tgt Ion: 82 Resp: 70378
Ion Ratio Lower Upper
82 100
95 11.8 6.2 9.4
138 12.1 10.9 16.3

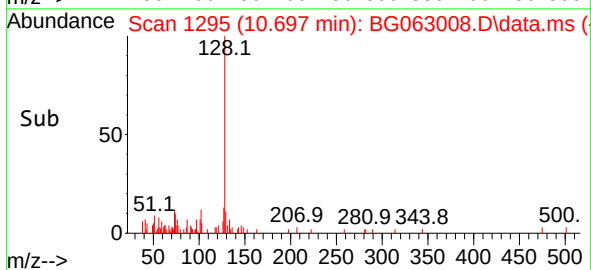
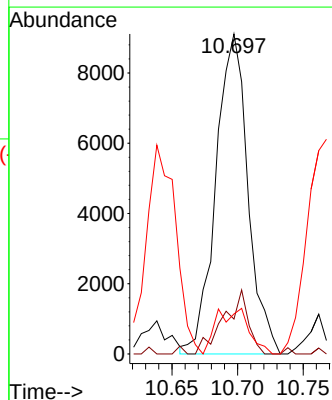
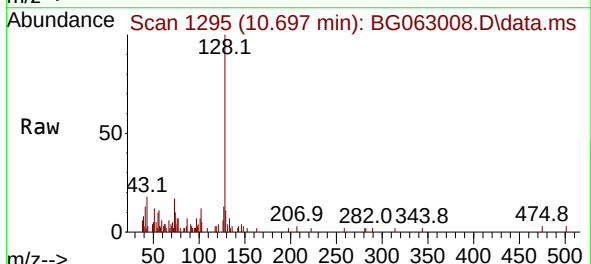
Manual Integrations
APPROVED

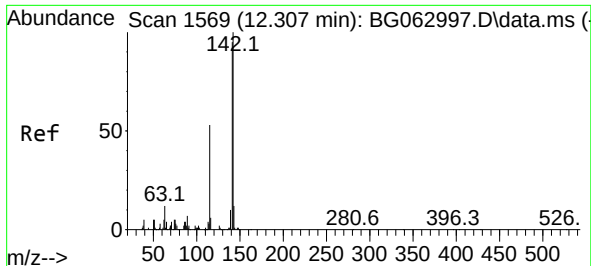
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#30
Naphthalene
Concen: 2.907 ng/uI
RT: 10.697 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BG063008.D
Acq: 24 Sep 2024 1:04

Tgt Ion:128 Resp: 15481
Ion Ratio Lower Upper
128 100
129 10.9 7.1 10.7#
127 12.5 9.4 14.2





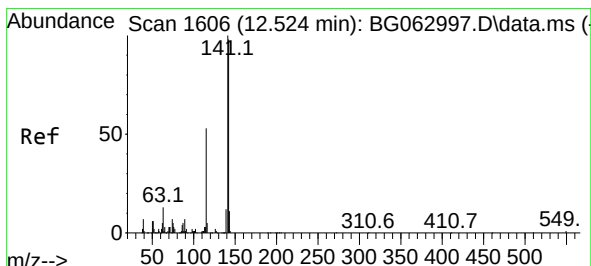
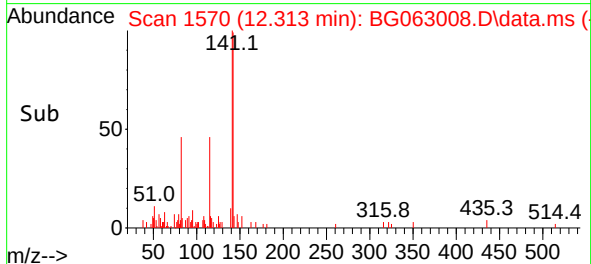
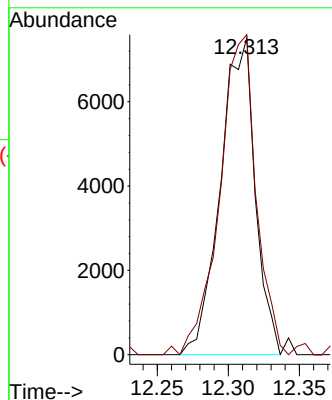
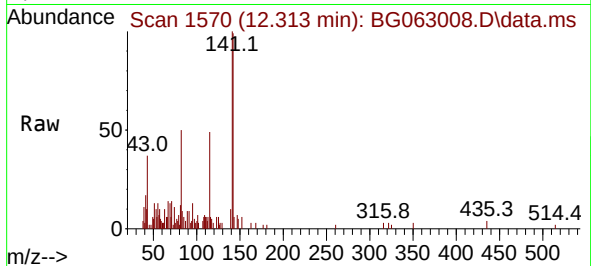
#36
2-Methylnaphthalene
Concen: 3.330 ng/ul
RT: 12.313 min Scan# 1569
Delta R.T. 0.006 min
Lab File: BG063008.D
Acq: 24 Sep 2024 1:04

Instrument :
BNA_G
ClientSampleId :
DDCC2

Tgt Ion:142 Resp: 12778
Ion Ratio Lower Upper
142 100
141 101.1 76.5 114.7

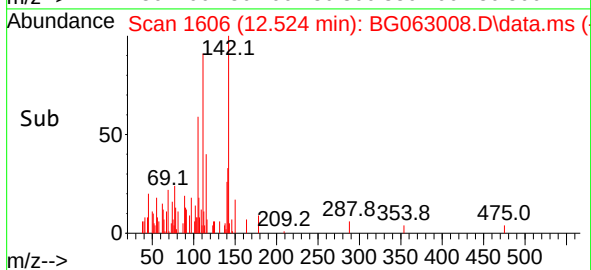
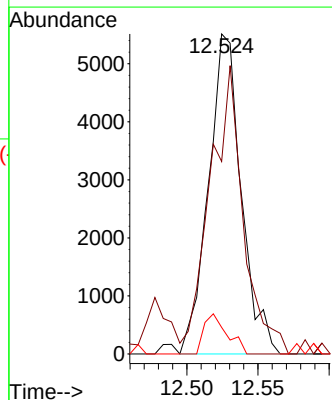
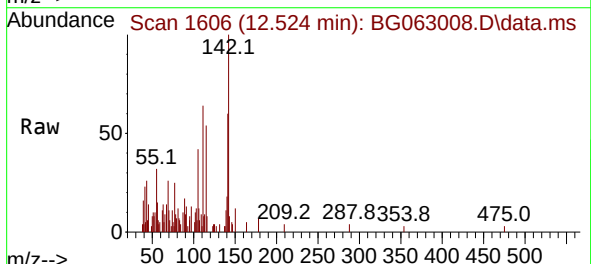
Manual Integrations
APPROVED

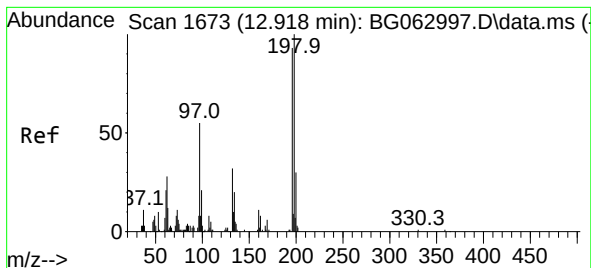
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#37
1-Methylnaphthalene
Concen: 2.276 ng/ul
RT: 12.524 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BG063008.D
Acq: 24 Sep 2024 1:04

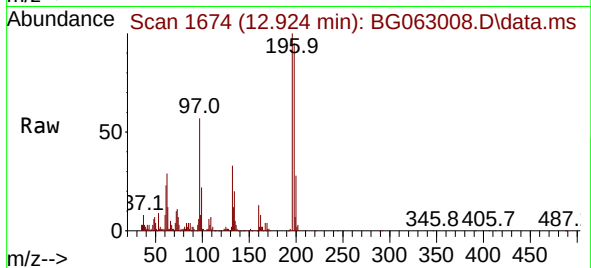
Tgt Ion:142 Resp: 8838
Ion Ratio Lower Upper
142 100
141 60.1 74.1 111.1#
116 8.3 3.6 5.4#





#41
2,4,6-Trichlorophenol
Concen: 60.639 ng/ul
RT: 12.924 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG063008.D
Acq: 24 Sep 2024 1:04

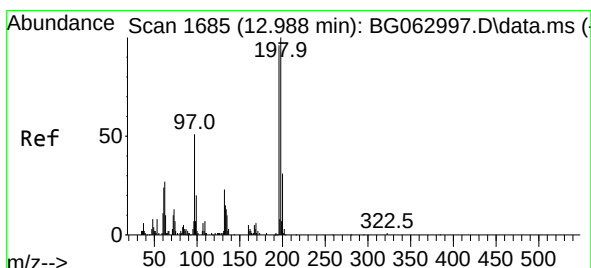
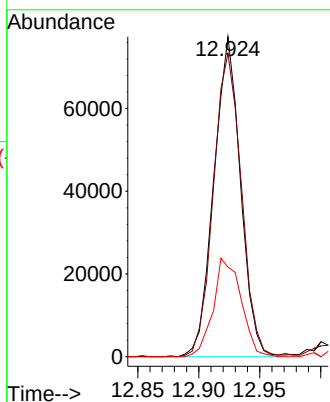
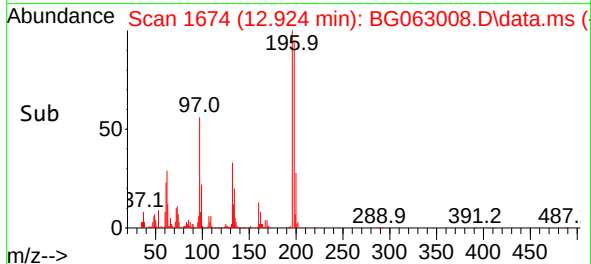
Instrument :
BNA_G
ClientSampleId :
DDCC2



Tgt Ion:196 Resp: 11745
Ion Ratio Lower Upper
196 100
198 94.8 81.8 122.6
200 28.0 30.5 45.7

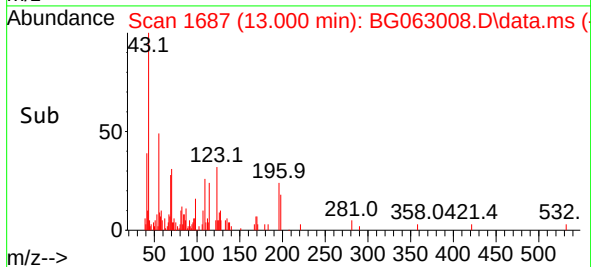
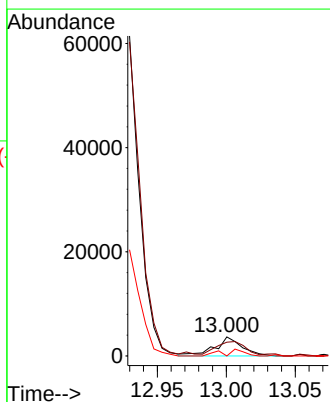
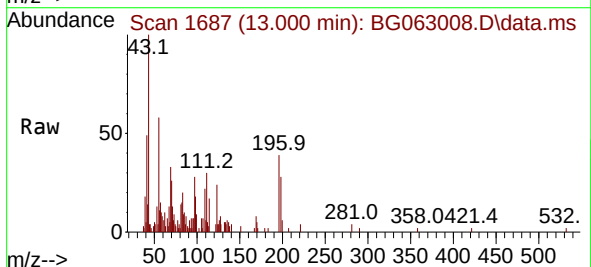
Manual Integrations
APPROVED

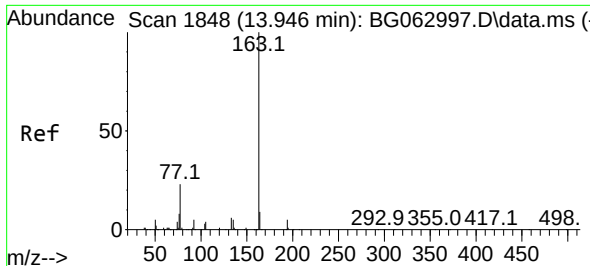
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#42
2,4,5-Trichlorophenol
Concen: 2.452 ng/ul m
RT: 13.000 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BG063008.D
Acq: 24 Sep 2024 1:04

Tgt Ion:196 Resp: 4989
Ion Ratio Lower Upper
196 100
198 72.3 75.5 113.3#
200 0.0 25.5 38.3#





#47
Dimethylphthalate
Concen: 3.181 ng/ul
RT: 13.940 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BG063008.D
Acq: 24 Sep 2024 1:04

Instrument :

BNA_G

ClientSampleId :

DDCC2

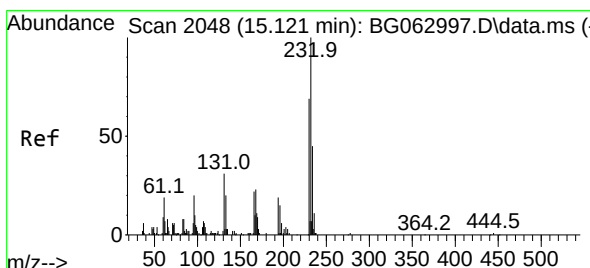
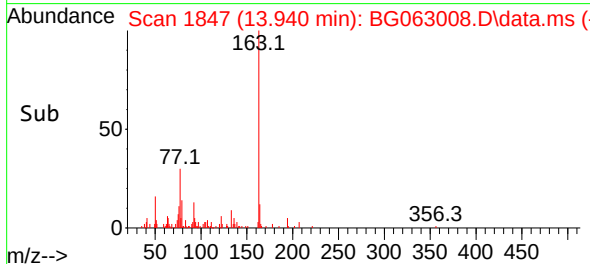
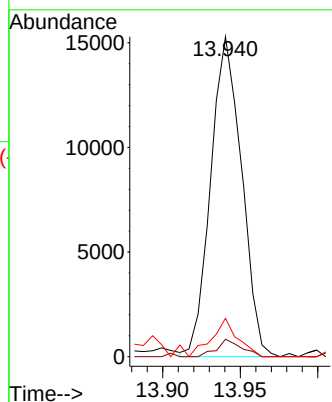
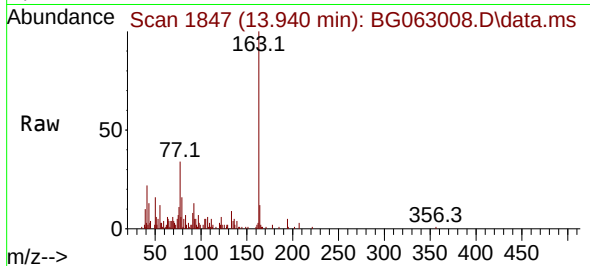
Tgt Ion:163 Resp: 21227
Ion Ratio Lower Upper
163 100
194 5.4 2.9 4.3
164 12.0 8.2 12.4

Manual Integrations

APPROVED

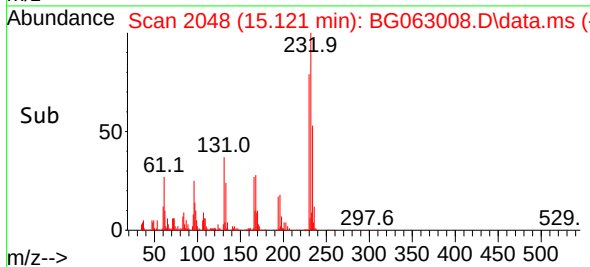
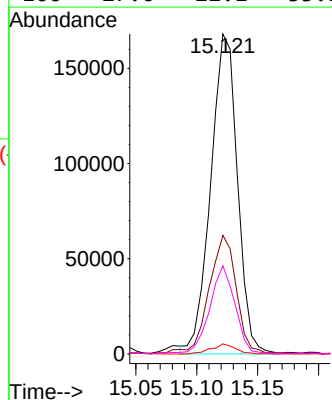
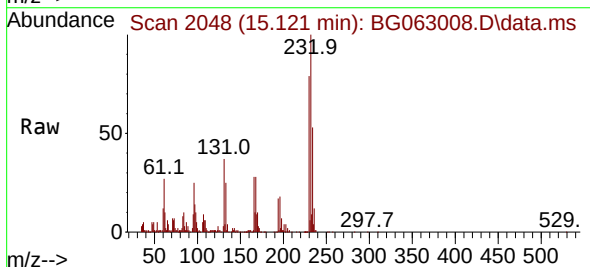
Reviewed By :Yogesh Patel 09/25/2024

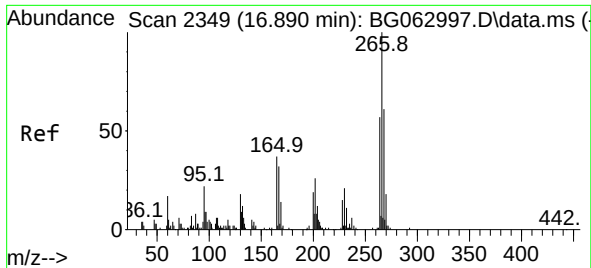
Supervised By :mohammad ahmed 09/26/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 140.260 ng/ul
RT: 15.121 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BG063008.D
Acq: 24 Sep 2024 1:04

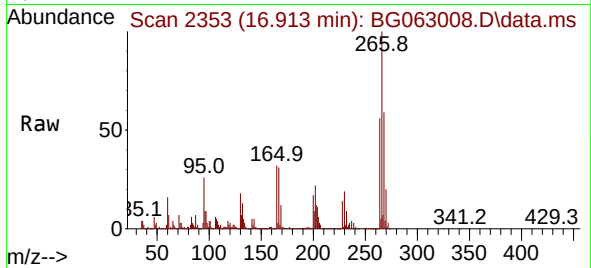
Tgt Ion:232 Resp: 256831
Ion Ratio Lower Upper
232 100
131 37.1 31.9 47.9
130 3.1 1.9 2.9#
166 27.6 22.1 33.1





#71
 Pentachlorophenol
 Concen: 752.958 ng/ul m
 RT: 16.913 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BG063008.D
 Acq: 24 Sep 2024 1:04

Instrument :
 BNA_G
 ClientSampleId :
 DDCC2



Tgt Ion:266 Resp: 118020
 Ion Ratio Lower Upper
 266 100
 264 55.7 43.0 64.4
 268 59.2 47.2 70.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/26/2024

