

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063001.D
 Acq On : 23 Sep 2024 20:29
 Operator : RC/JU
 Sample : P3879-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCJ0

Manual Integrations
 APPROVED

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

Quant Time: Sep 23 23:11:48 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	31893	20.000	ng/u1	0.00
20) Naphthalene-d8	10.649	136	153686	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.492	164	109697	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.253	188	256029	20.000	ng/u1	# 0.02
79) Chrysene-d12	21.490	240	178592	20.000	ng/u1	# 0.00
88) Perylene-d12	24.533	264	214777	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	3905	3.586	ng/uL	0.00
4) Pyridine-d5	3.740	84	13051	4.415	ng/u1	0.00
7) Phenol-d5	7.048	99	33958	10.261	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.189	67	47522	25.660	ng/u1	0.00
11) 2-Chlorophenol-d4	7.400	132	59508	27.388	ng/u1	0.01
15) 4-Methylphenol-d8	8.569	113	59828	24.678	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	34593	28.254	ng/u1	0.00
24) 2-Nitrophenol-d4	9.733	143	40049	28.832	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.285	165	83947	29.129	ng/u1	0.02
31) 4-Chloroaniline-d4	10.773	131	4179	1.165	ng/u1	0.00
46) Dimethylphthalate-d6	13.899	166	259416	31.801	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	268959	29.520	ng/u1	0.00
54) 4-Nitrophenol-d4	14.721	143	11262	8.615	ng/u1	0.03
60) Fluorene-d10	15.485	176	237392	31.254	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.608	200	72573	46.891	ng/u1	0.00
73) Anthracene-d10	17.347	188	365098	30.173	ng/u1	0.01
81) Pyrene-d10	19.639	212	477210	44.118	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.327	264	346574	30.597	ng/u1	0.02
Target Compounds						
					Qvalue	
23) Isophorone	9.574	82	101201	13.980	ng/u1#	90
29) 2,4-Dichlorophenol	10.314	162	15633	5.480	ng/u1	91
30) Naphthalene	10.696	128	177373	20.786	ng/u1#	95
36) 2-Methylnaphthalene	12.312	142	85074	13.835	ng/u1	95
37) 1-Methylnaphthalene	12.530	142	59357	9.538	ng/u1#	99
41) 2,4,6-Trichlorophenol	12.935	196	21952	9.061	ng/u1#	91
42) 2,4,5-Trichlorophenol	13.011	196	13170	5.175	ng/u1#	74
43) 1,1'-Biphenyl	13.317	154	10703	1.313	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.144	232	1551015	677.225	ng/u1#	98
71) Pentachlorophenol	16.954	266	6712729m	3581.998	ng/u1	

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

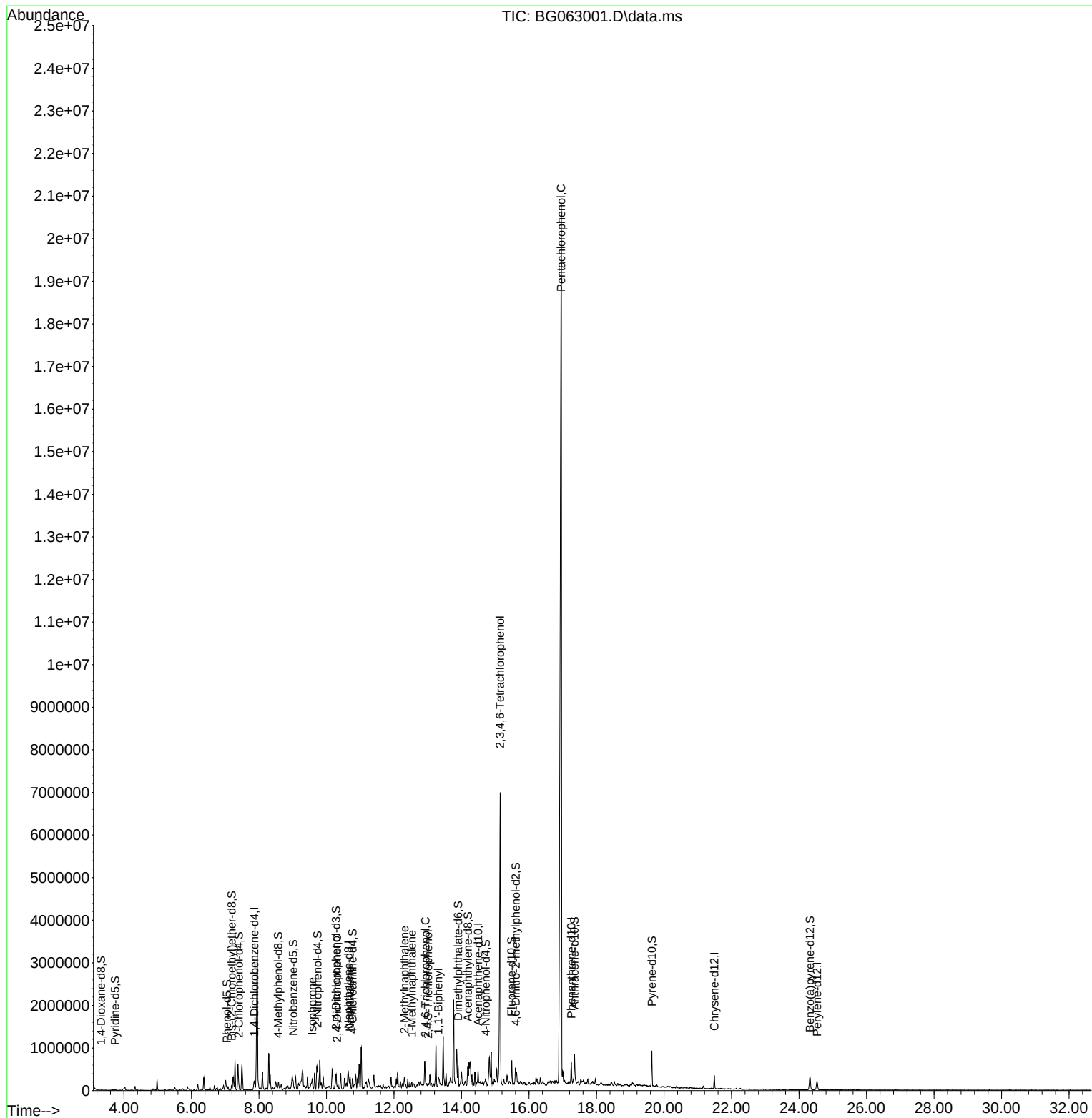
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063001.D
Acq On : 23 Sep 2024 20:29
Operator : RC/JU
Sample : P3879-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

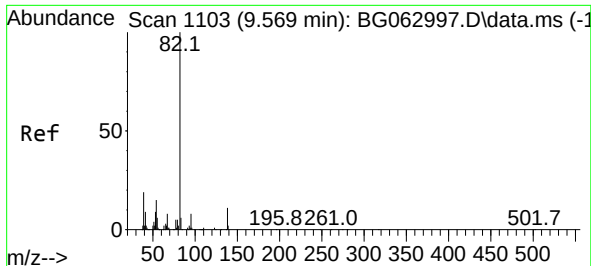
Instrument :
BNA_G
ClientSampleId :
DDCJ0

Manual Integrations
APPROVED

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

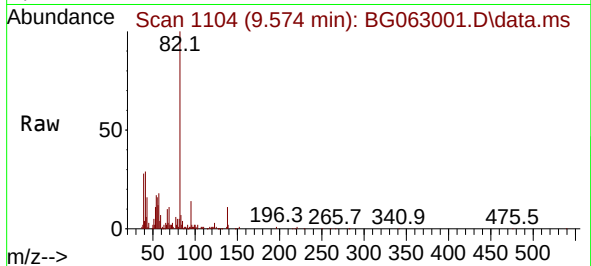
Quant Time: Sep 23 23:11:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration





#23
Isophorone
Concen: 13.980 ng/ul
RT: 9.574 min Scan# 1103
Delta R.T. 0.005 min
Lab File: BG063001.D
Acq: 23 Sep 2024 20:29

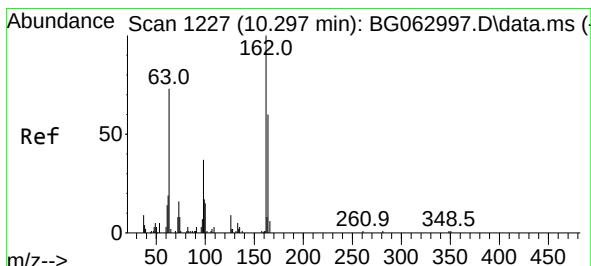
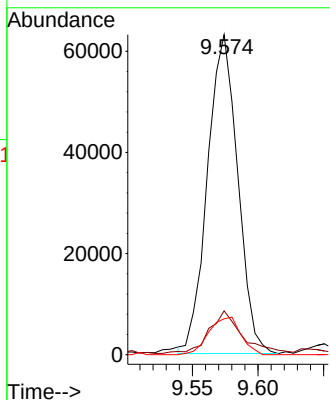
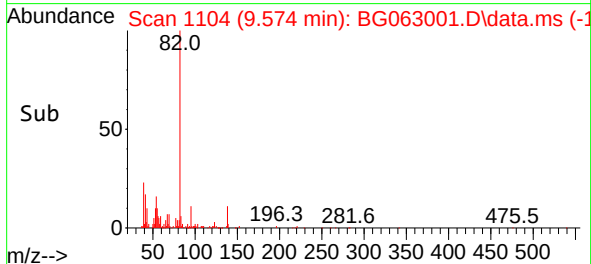
Instrument :
BNA_G
ClientSampleId :
DDCJ0



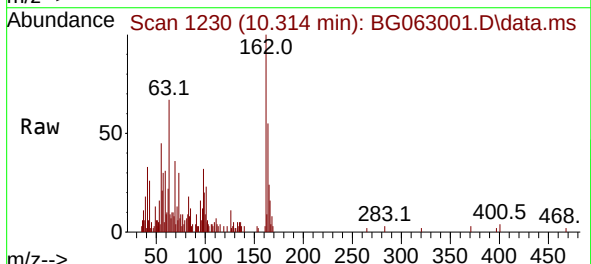
Tgt Ion: 82 Resp: 10120
Ion Ratio Lower Upper
82 100
95 13.7 6.2 9.4
138 11.2 10.9 16.3

Manual Integrations
APPROVED

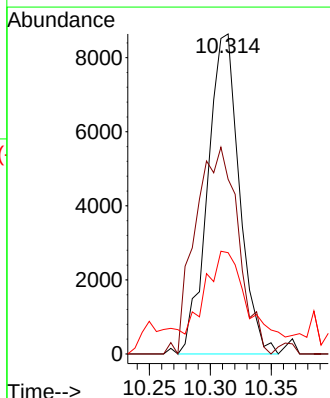
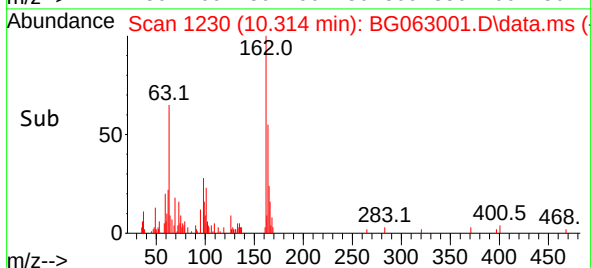
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

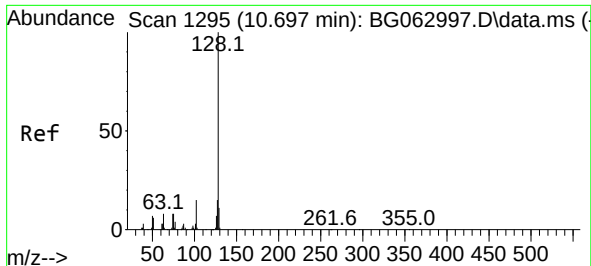


#29
2,4-Dichlorophenol
Concen: 5.480 ng/ul
RT: 10.314 min Scan# 1230
Delta R.T. 0.017 min
Lab File: BG063001.D
Acq: 23 Sep 2024 20:29



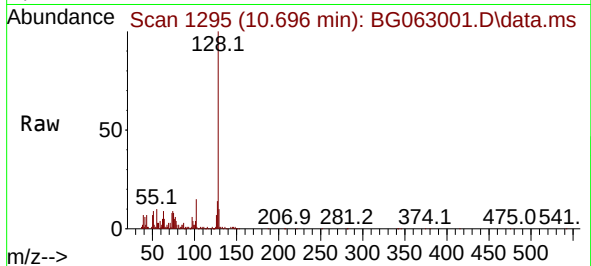
Tgt Ion:162 Resp: 15633
Ion Ratio Lower Upper
162 100
164 54.6 48.8 73.2
98 31.7 30.7 46.1





#30
Naphthalene
Concen: 20.786 ng/ul
RT: 10.696 min Scan# 1570
Delta R.T. -0.001 min
Lab File: BG063001.D
Acq: 23 Sep 2024 20:29

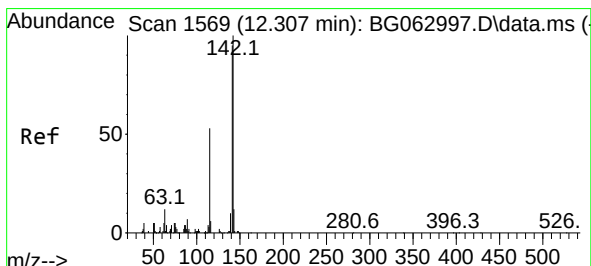
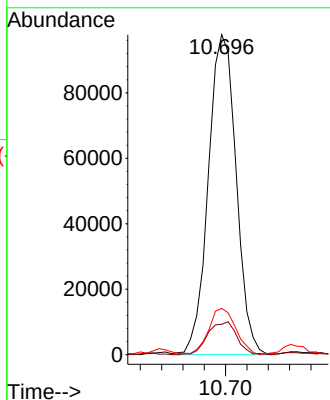
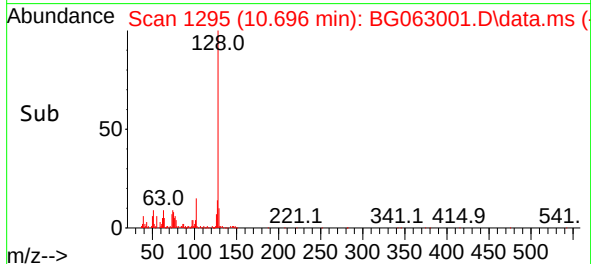
Instrument :
BNA_G
ClientSampleId :
DDCJ0



Tgt Ion:128 Resp: 17737
Ion Ratio Lower Upper
128 100
129 9.5 7.1 10.7
127 14.5 9.4 14.2

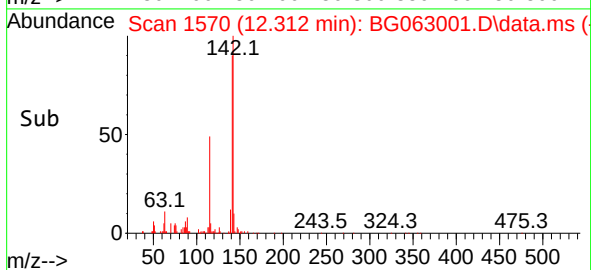
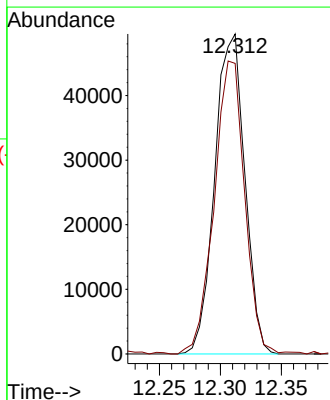
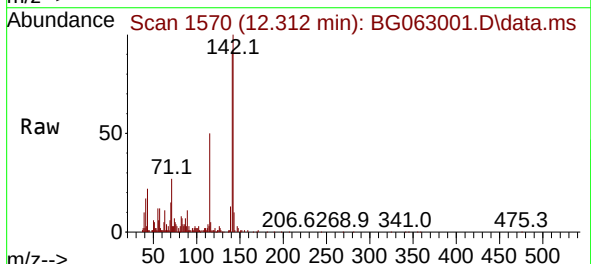
Manual Integrations
APPROVED

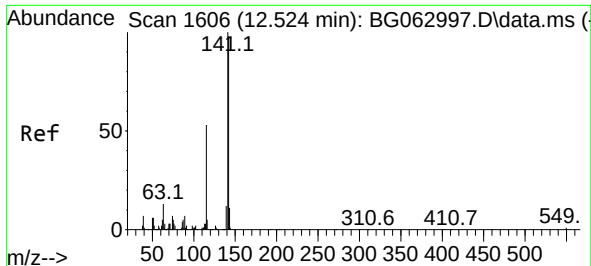
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#36
2-Methylnaphthalene
Concen: 13.835 ng/ul
RT: 12.312 min Scan# 1570
Delta R.T. 0.005 min
Lab File: BG063001.D
Acq: 23 Sep 2024 20:29

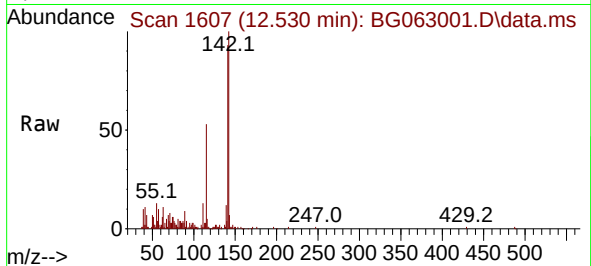
Tgt Ion:142 Resp: 85074
Ion Ratio Lower Upper
142 100
141 90.8 76.5 114.7





#37
1-Methylnaphthalene
Concen: 9.538 ng/ul
RT: 12.530 min Scan# 1607
Delta R.T. 0.005 min
Lab File: BG063001.D
Acq: 23 Sep 2024 20:29

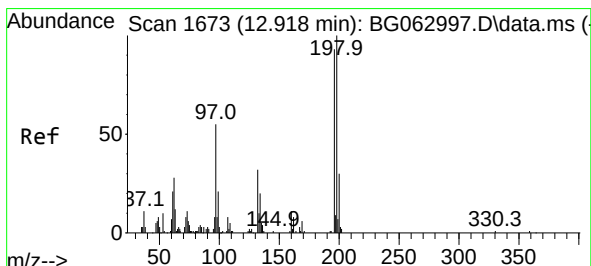
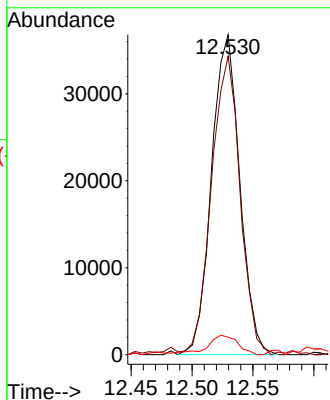
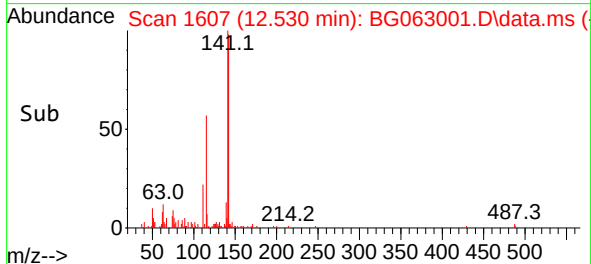
Instrument :
BNA_G
ClientSampleId :
DDCJ0



Tgt Ion:142 Resp: 5935
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1
116 5.4 3.6 5.4

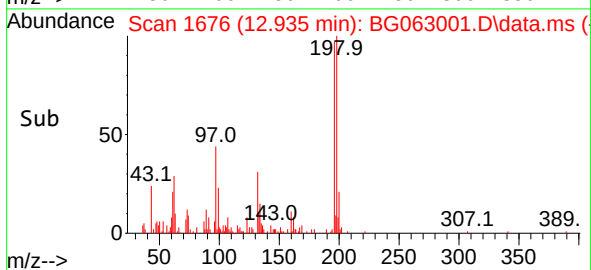
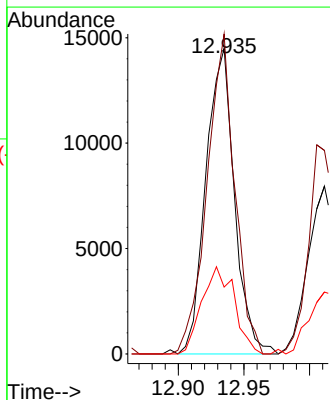
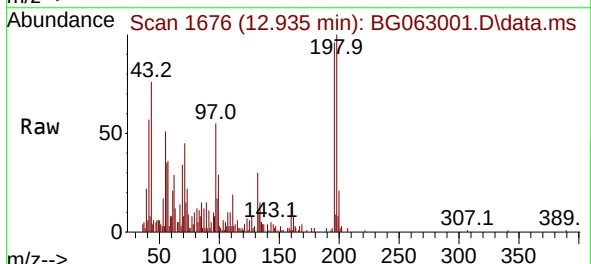
Manual Integrations
APPROVED

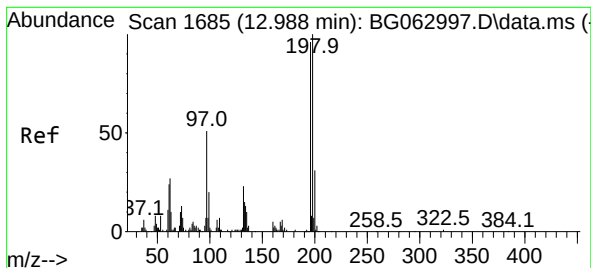
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#41
2,4,6-Trichlorophenol
Concen: 9.061 ng/ul
RT: 12.935 min Scan# 1676
Delta R.T. 0.017 min
Lab File: BG063001.D
Acq: 23 Sep 2024 20:29

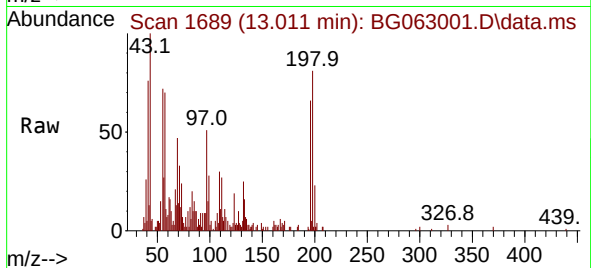
Tgt Ion:196 Resp: 21952
Ion Ratio Lower Upper
196 100
198 104.7 81.8 122.6
200 21.9 30.5 45.7





#42
2,4,5-Trichlorophenol
Concen: 5.175 ng/ul
RT: 13.011 min Scan# 1689
Delta R.T. 0.017 min
Lab File: BG063001.D
Acq: 23 Sep 2024 20:29

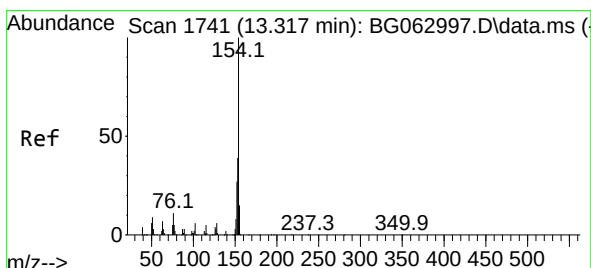
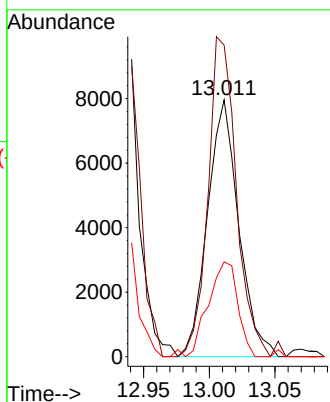
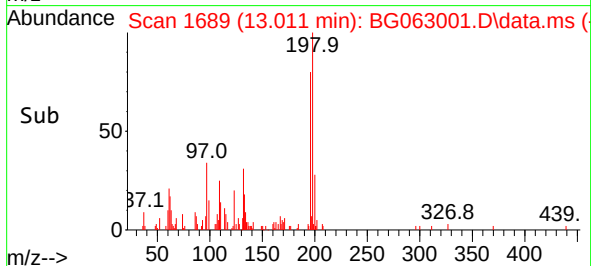
Instrument :
BNA_G
ClientSampleId :
DDCJ0



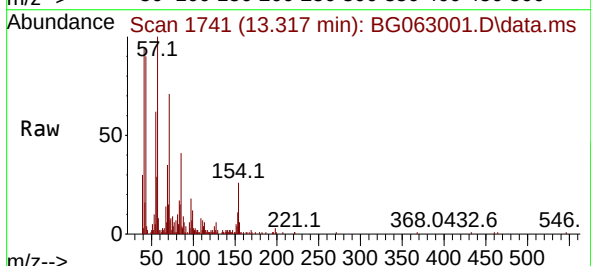
Tgt Ion:196 Resp: 13170
Ion Ratio Lower Upper
196 100
198 124.5 75.5 113.3
200 36.9 25.5 38.3

Manual Integrations
APPROVED

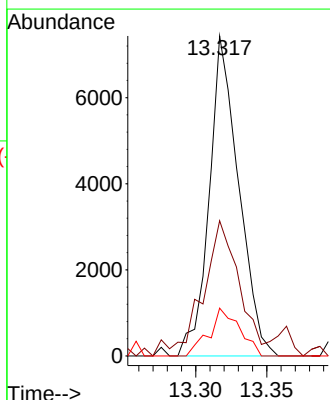
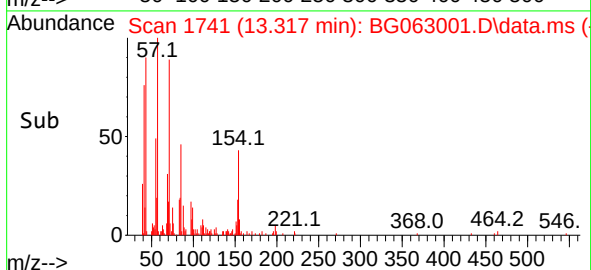
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

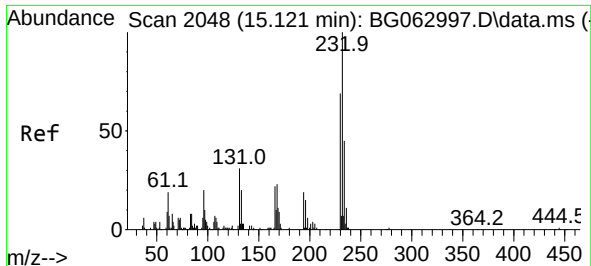


#43
1,1'-Biphenyl
Concen: 1.313 ng/ul
RT: 13.317 min Scan# 1741
Delta R.T. -0.001 min
Lab File: BG063001.D
Acq: 23 Sep 2024 20:29



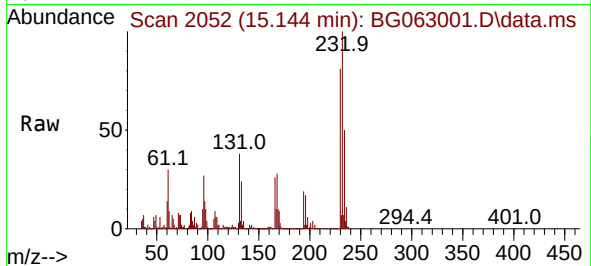
Tgt Ion:154 Resp: 10703
Ion Ratio Lower Upper
154 100
153 42.2 30.3 45.5
76 15.0 11.9 17.9





#58
2,3,4,6-Tetrachlorophenol
Concen: 677.225 ng/ul
RT: 15.144 min Scan# 2048
Delta R.T. 0.028 min
Lab File: BG063001.D
Acq: 23 Sep 2024 20:29

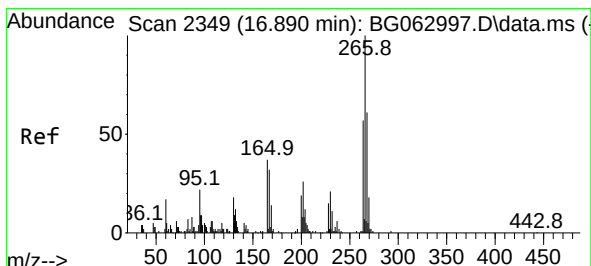
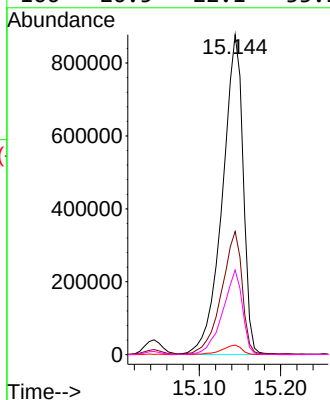
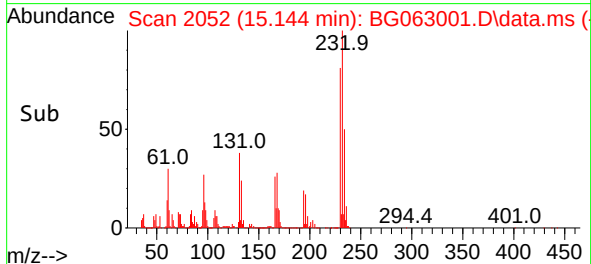
Instrument :
BNA_G
ClientSampleId :
DDCJ0



Tgt Ion:232 Resp: 155101
Ion Ratio Lower Upper
232 100
131 38.5 31.9 47.9
130 3.0 1.9 2.9
166 26.5 22.1 33.1

Manual Integrations
APPROVED

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



#71
Pentachlorophenol
Concen: 3581.998 ng/ul m
RT: 16.954 min Scan# 2360
Delta R.T. 0.064 min
Lab File: BG063001.D
Acq: 23 Sep 2024 20:29

Tgt Ion:266 Resp: 6712729
Ion Ratio Lower Upper
266 100
264 69.2 43.0 64.4#
268 71.3 47.2 70.8#

