

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063003.D
 Acq On : 23 Sep 2024 21:48
 Operator : RC/JU
 Sample : P3879-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ1

Manual Integrations
 APPROVED

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

Quant Time: Sep 23 23:34:49 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	7.860	152	19206	20.000	ng/u1	0.00
20) Naphthalene-d8	10.662	136	64596	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.499	164	54762	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.261	188	112652	20.000	ng/u1	# 0.02
79) Chrysene-d12	21.491	240	135065	20.000	ng/u1	# 0.00
88) Perylene-d12	24.528	264	167274	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.324	96	1939	2.957	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.190	99	59790m	30.001	ng/u1	0.16
9) Bis-(2-Chloroethyl)eth...	7.202	67	26738	23.975	ng/u1	0.02
11) 2-Chlorophenol-d4	7.443	132	38143m	29.152	ng/u1	0.05
15) 4-Methylphenol-d8	8.641	113	45457m	31.136	ng/u1	0.08
21) Nitrobenzene-d5	9.023	128	19121	37.156	ng/u1	0.02
24) 2-Nitrophenol-d4	9.746	143	23764	40.704	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.327	165	52260	43.144	ng/u1	0.06
31) 4-Chloroaniline-d4	10.780	131	9123	6.052	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	139754	34.318	ng/u1	0.02
49) Acenaphthylene-d8	14.194	160	149967	32.972	ng/u1	0.01
54) 4-Nitrophenol-d4	14.822	143	13447m	20.606	ng/u1	0.13
60) Fluorene-d10	15.498	176	134333	35.427	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.615	200	31186	45.796	ng/u1	0.01
73) Anthracene-d10	17.355	188	217893	40.926	ng/u1	0.02
81) Pyrene-d10	19.640	212	291044	35.578	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.323	264	332106	37.646	ng/u1	0.01
Target Compounds						
					Qvalue	
23) Isophorone	9.605	82	476414	156.583	ng/u1#	95
29) 2,4-Dichlorophenol	10.357	162	30460m	25.402	ng/u1	
30) Naphthalene	10.709	128	214991	59.942	ng/u1	98
36) 2-Methylnaphthalene	12.319	142	91895	35.554	ng/u1	97
37) 1-Methylnaphthalene	12.543	142	57412	21.949	ng/u1	99
41) 2,4,6-Trichlorophenol	12.971	196	28938m	23.928	ng/u1	
42) 2,4,5-Trichlorophenol	13.048	196	23355m	18.382	ng/u1	
43) 1,1'-Biphenyl	13.330	154	10919	2.684	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.175	232	2436724	2131.271	ng/u1	93
71) Pentachlorophenol	16.979	266	7596799	9213.129	ng/u1#	83
72) Phenanthrene	17.296	178	11028	1.843	ng/u1#	88

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

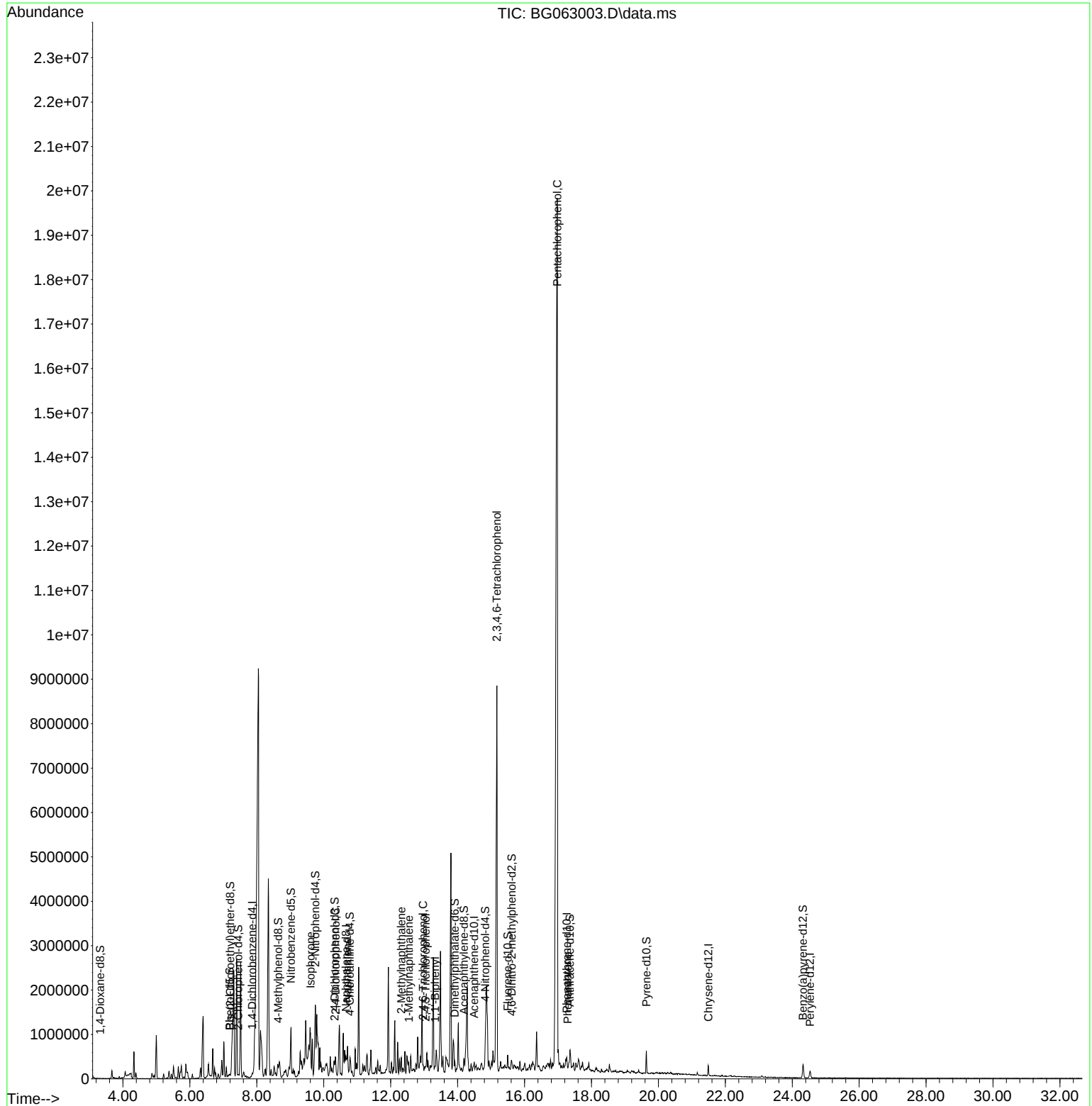
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063003.D
Acq On : 23 Sep 2024 21:48
Operator : RC/JU
Sample : P3879-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

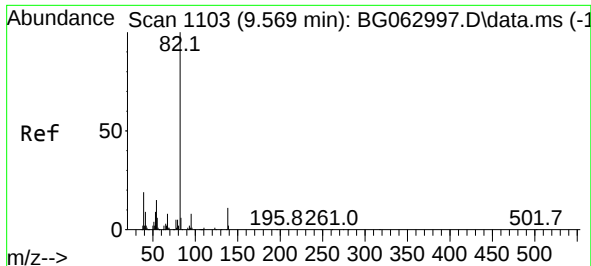
Instrument :
BNA_G
ClientSampleId :
DCVZ1

Manual Integrations
APPROVED

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

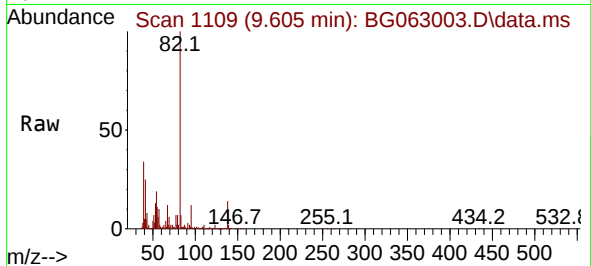
Quant Time: Sep 23 23:34:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration





#23
Isophorone
Concen: 156.583 ng/ul
RT: 9.605 min Scan# 1103
Delta R.T. 0.035 min
Lab File: BG063003.D
Acq: 23 Sep 2024 21:48

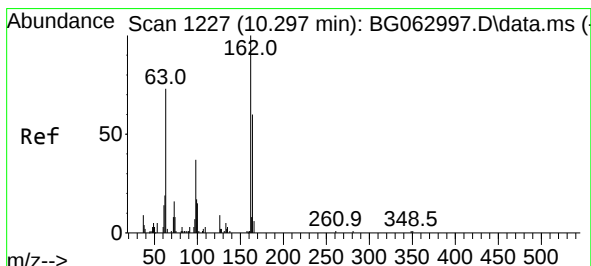
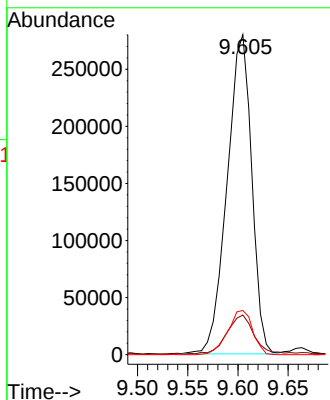
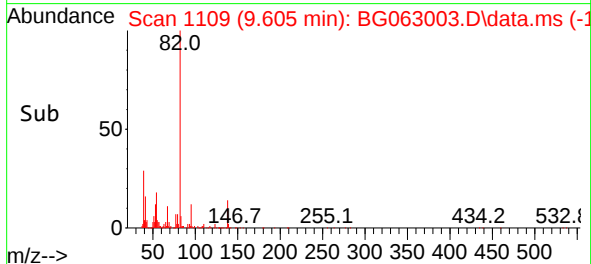
Instrument :
BNA_G
ClientSampleId :
DCVZ1



Tgt Ion: 82 Resp: 476414
Ion Ratio Lower Upper
82 100
95 12.4 6.2 9.4
138 13.8 10.9 16.3

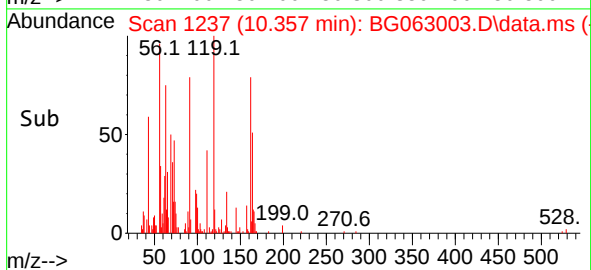
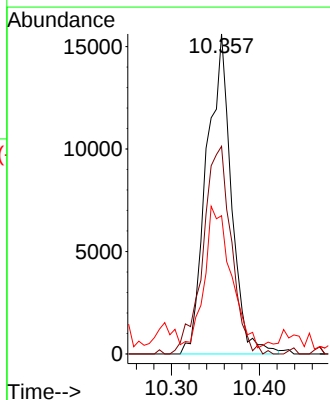
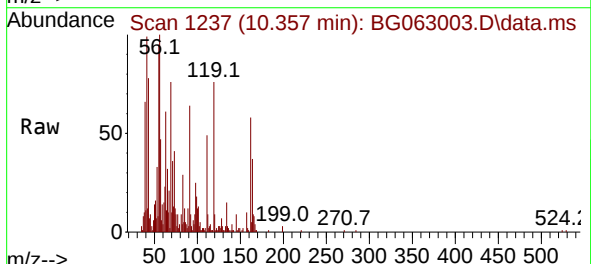
Manual Integrations
APPROVED

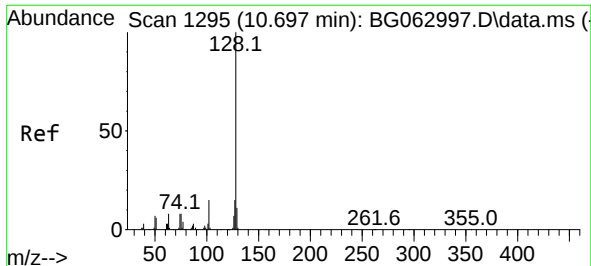
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#29
2,4-Dichlorophenol
Concen: 25.402 ng/ul m
RT: 10.357 min Scan# 1237
Delta R.T. 0.059 min
Lab File: BG063003.D
Acq: 23 Sep 2024 21:48

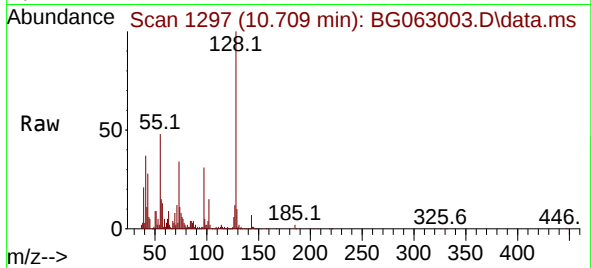
Tgt Ion:162 Resp: 30460
Ion Ratio Lower Upper
162 100
164 64.9 48.8 73.2
98 43.2 30.7 46.1





#30
Naphthalene
Concen: 59.942 ng/ul
RT: 10.709 min Scan# 11
Delta R.T. 0.012 min
Lab File: BG063003.D
Acq: 23 Sep 2024 21:48

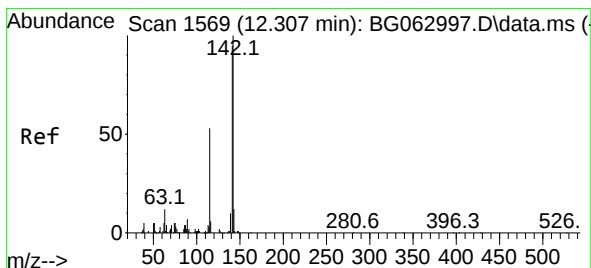
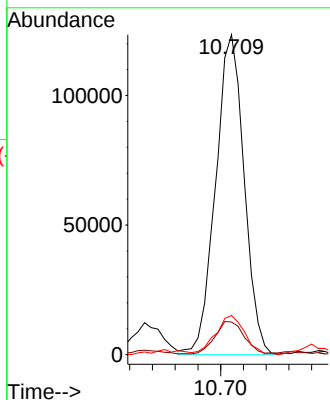
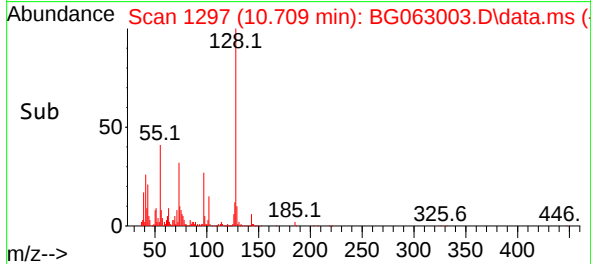
Instrument :
BNA_G
ClientSampleId :
DCVZ1



Tgt Ion:128 Resp: 21499
Ion Ratio Lower Upper
128 100
129 10.2 7.1 10.7
127 12.2 9.4 14.2

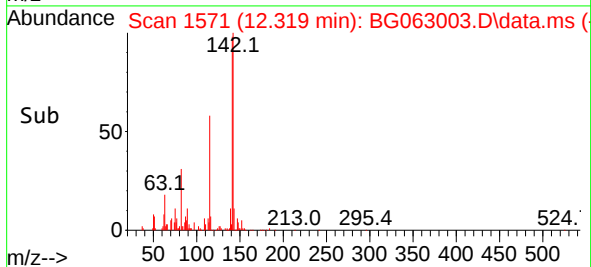
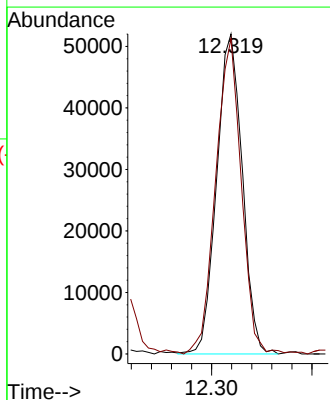
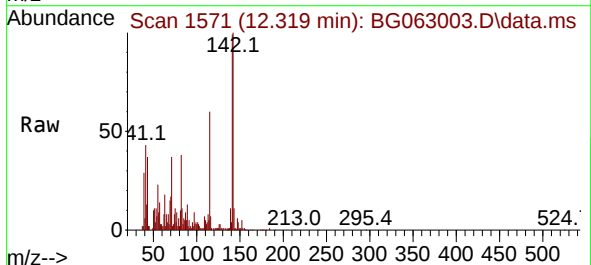
Manual Integrations
APPROVED

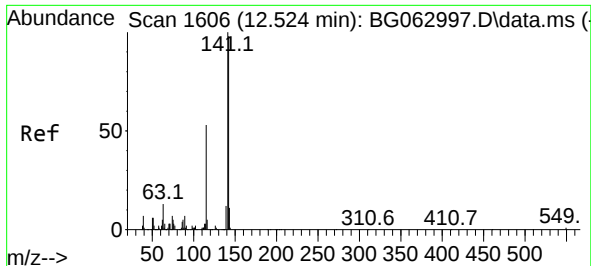
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#36
2-Methylnaphthalene
Concen: 35.554 ng/ul
RT: 12.319 min Scan# 1571
Delta R.T. 0.012 min
Lab File: BG063003.D
Acq: 23 Sep 2024 21:48

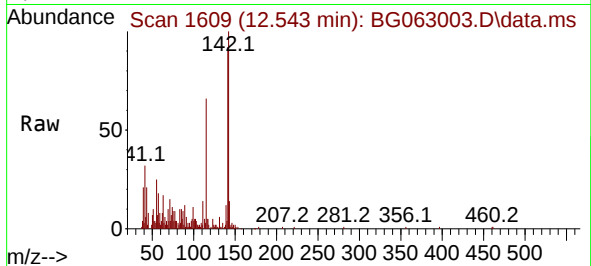
Tgt Ion:142 Resp: 91895
Ion Ratio Lower Upper
142 100
141 98.5 76.5 114.7





#37
1-Methylnaphthalene
Concen: 21.949 ng/ul
RT: 12.543 min Scan# 1609
Delta R.T. 0.018 min
Lab File: BG063003.D
Acq: 23 Sep 2024 21:48

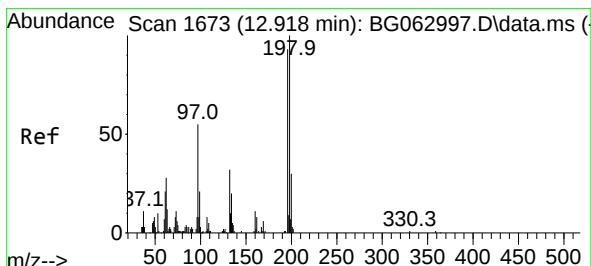
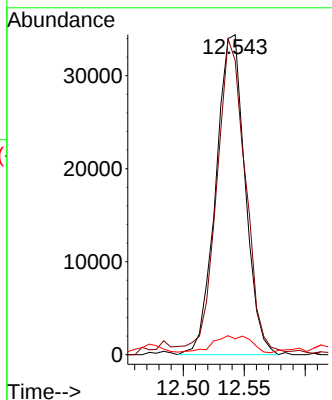
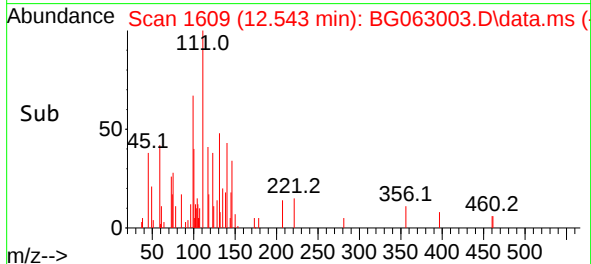
Instrument :
BNA_G
ClientSampleId :
DCVZ1



Tgt Ion:142 Resp: 5741
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1
116 5.0 3.6 5.4

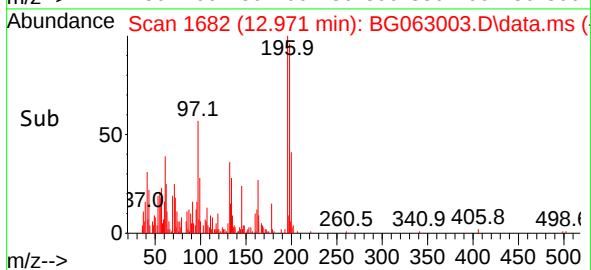
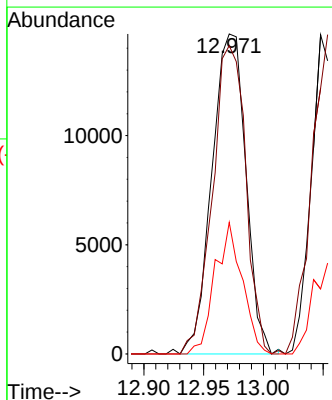
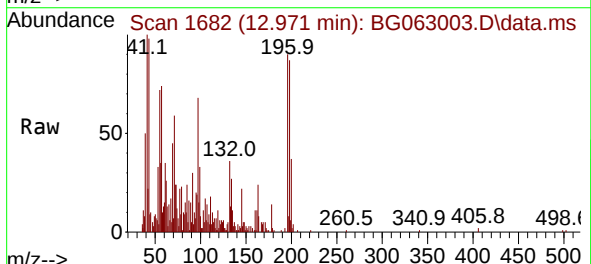
Manual Integrations
APPROVED

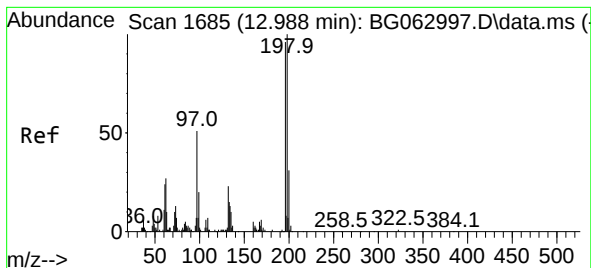
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#41
2,4,6-Trichlorophenol
Concen: 23.928 ng/ul m
RT: 12.971 min Scan# 1682
Delta R.T. 0.053 min
Lab File: BG063003.D
Acq: 23 Sep 2024 21:48

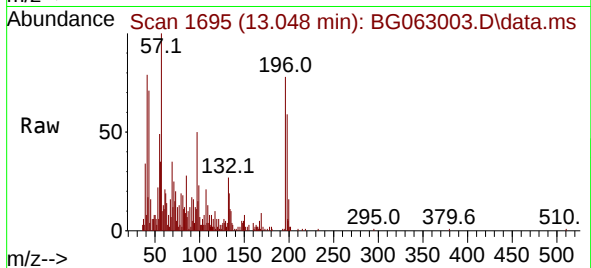
Tgt Ion:196 Resp: 28938
Ion Ratio Lower Upper
196 100
198 96.3 81.8 122.6
200 41.1 30.5 45.7





#42
2,4,5-Trichlorophenol
Concen: 18.382 ng/ul m
RT: 13.048 min Scan# 1
Delta R.T. 0.053 min
Lab File: BG063003.D
Acq: 23 Sep 2024 21:48

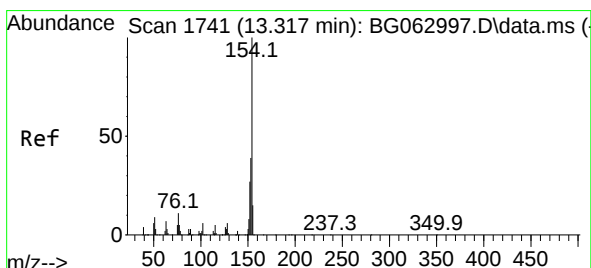
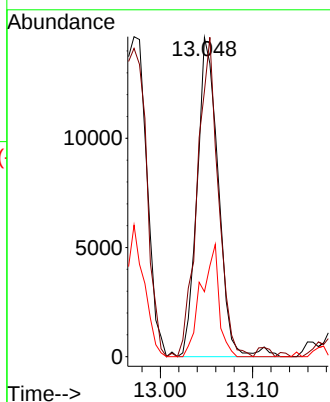
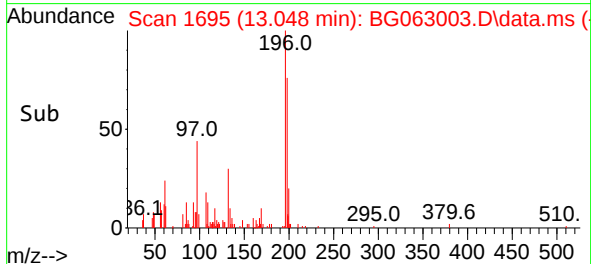
Instrument :
BNA_G
ClientSampleId :
DCVZ1



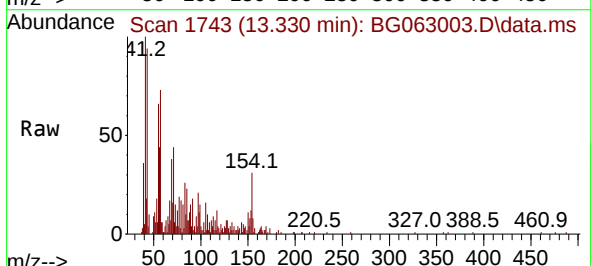
Tgt Ion:196 Resp: 2335
Ion Ratio Lower Upper
196 100
198 75.8 75.5 113.3
200 20.3 25.5 38.3

Manual Integrations
APPROVED

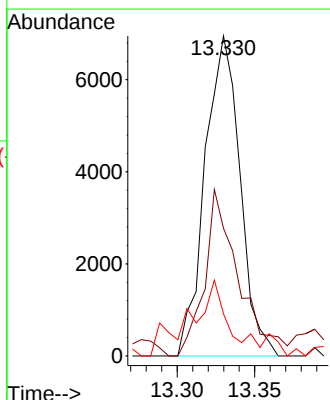
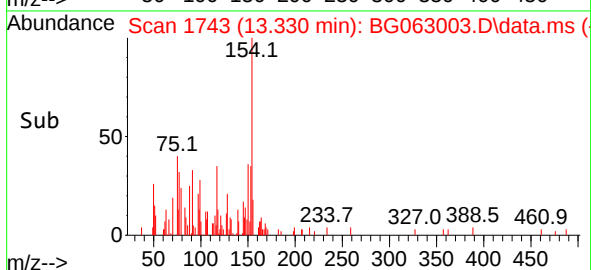
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

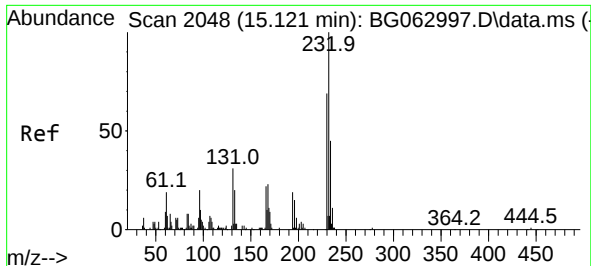


#43
1,1'-Biphenyl
Concen: 2.684 ng/ul
RT: 13.330 min Scan# 1743
Delta R.T. 0.012 min
Lab File: BG063003.D
Acq: 23 Sep 2024 21:48



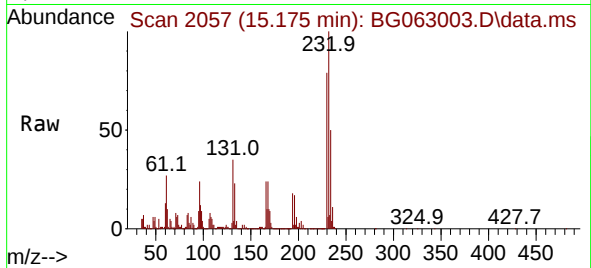
Tgt Ion:154 Resp: 10919
Ion Ratio Lower Upper
154 100
153 39.9 30.3 45.5
76 13.2 11.9 17.9





#58
2,3,4,6-Tetrachlorophenol
Concen: 2131.271 ng/ul
RT: 15.175 min Scan# 2048
Delta R.T. 0.059 min
Lab File: BG063003.D
Acq: 23 Sep 2024 21:48

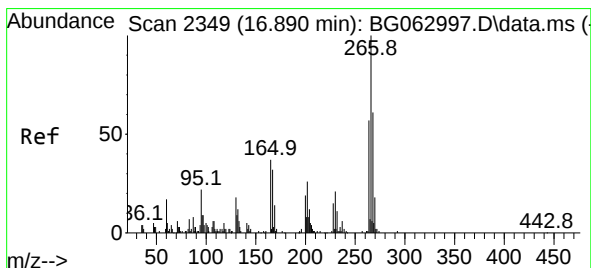
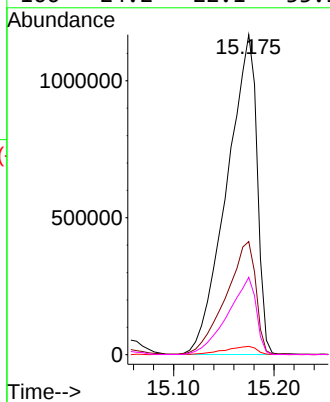
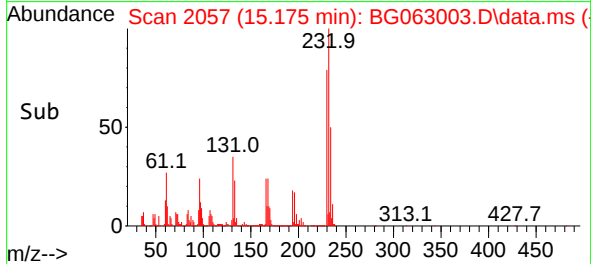
Instrument :
BNA_G
ClientSampleId :
DCVZ1



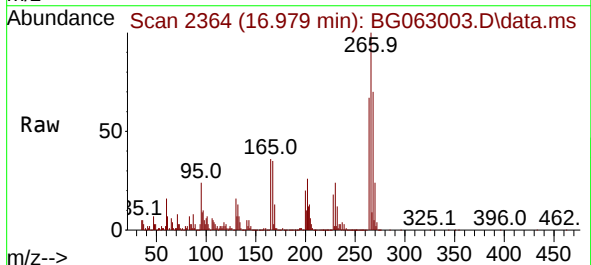
Tgt Ion:232 Resp: 2436724
Ion Ratio Lower Upper
232 100
131 35.4 31.9 47.9
130 2.6 1.9 2.9
166 24.2 22.1 33.1

Manual Integrations
APPROVED

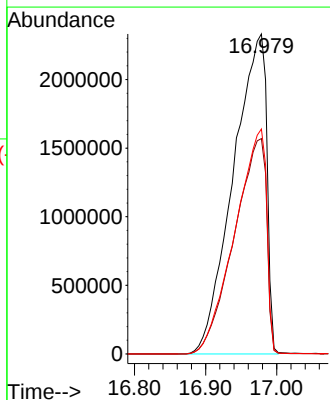
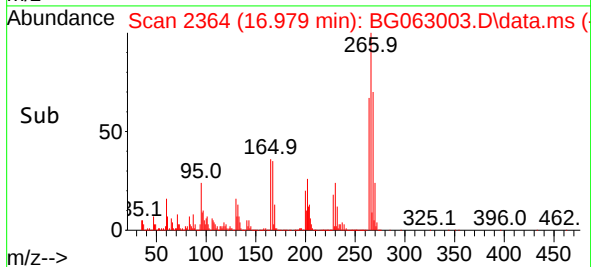
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

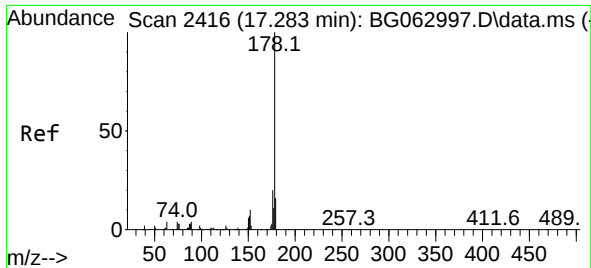


#71
Pentachlorophenol
Concen: 9213.129 ng/ul
RT: 16.979 min Scan# 2364
Delta R.T. 0.088 min
Lab File: BG063003.D
Acq: 23 Sep 2024 21:48



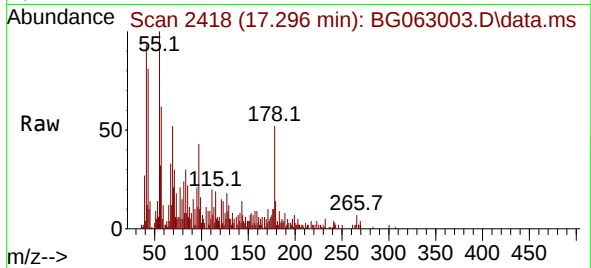
Tgt Ion:266 Resp: 7596799
Ion Ratio Lower Upper
266 100
264 67.3 43.0 64.4#
268 70.3 47.2 70.8





#72
 Phenanthrene
 Concen: 1.843 ng/ul
 RT: 17.296 min Scan# 2418
 Delta R.T. 0.018 min
 Lab File: BG063003.D
 Acq: 23 Sep 2024 21:48

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ1



Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.6	12.3	18.5
176	19.1	15.5	23.3

Manual Integrations
 APPROVED

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

