

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063000.D
 Acq On : 23 Sep 2024 19:50
 Operator : RC/JU
 Sample : P3879-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVY3

Manual Integrations
 APPROVED

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

Quant Time: Sep 23 23:03:29 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	28678	20.000	ng/u1	0.00
20) Naphthalene-d8	10.649	136	121004	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.492	164	93892	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.253	188	140988	20.000	ng/u1	# 0.02
79) Chrysene-d12	21.490	240	247712	20.000	ng/u1	0.00
88) Perylene-d12	24.533	264	294998	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	4595	4.693	ng/uL	0.00
4) Pyridine-d5	3.740	84	12415	4.671	ng/u1	0.00
7) Phenol-d5	7.112	99	37138m	12.480	ng/u1	0.08
9) Bis-(2-Chloroethyl)eth...	7.195	67	52410	31.472	ng/u1	0.01
11) 2-Chlorophenol-d4	7.424	132	64890	33.214	ng/u1	0.03
15) 4-Methylphenol-d8	8.605	113	39362m	18.056	ng/u1	0.04
21) Nitrobenzene-d5	9.022	128	32729	33.951	ng/u1	0.02
24) 2-Nitrophenol-d4	9.739	143	41092	37.573	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.303	165	85006	37.463	ng/u1	0.03
31) 4-Chloroaniline-d4	10.773	131	19588	6.937	ng/u1	0.00
46) Dimethylphthalate-d6	13.905	166	252299	36.135	ng/u1	0.01
49) Acenaphthylene-d8	14.187	160	260515	33.407	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	11244m	10.049	ng/u1	0.05
60) Fluorene-d10	15.491	176	236200	36.332	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.614	200	71988	84.466	ng/u1	0.01
73) Anthracene-d10	17.353	188	220232	33.051	ng/u1	0.02
81) Pyrene-d10	19.633	212	319220	21.277	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.322	264	498146	32.019	ng/u1	0.01
Target Compounds						
23) Isophorone	9.586	82	266203	46.707	ng/u1#	95
29) 2,4-Dichlorophenol	10.332	162	41193	18.339	ng/u1	92
30) Naphthalene	10.702	128	647402	96.358	ng/u1#	94
36) 2-Methylnaphthalene	12.312	142	302934	62.569	ng/u1	95
37) 1-Methylnaphthalene	12.530	142	198736	40.559	ng/u1#	97
41) 2,4,6-Trichlorophenol	12.941	196	46621	22.484	ng/u1	94
42) 2,4,5-Trichlorophenol	13.023	196	20774	9.536	ng/u1	93
43) 1,1'-Biphenyl	13.323	154	28223	4.047	ng/u1#	85
47) Dimethylphthalate	13.951	163	15735	2.203	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.156	232	2689407	1371.954	ng/u1	97
61) Fluorene	15.544	166	13629	2.014	ng/u1	92
71) Pentachlorophenol	16.971	266	7600074	7364.632	ng/u1#	80
72) Phenanthrene	17.295	178	16780	2.240	ng/u1#	86

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

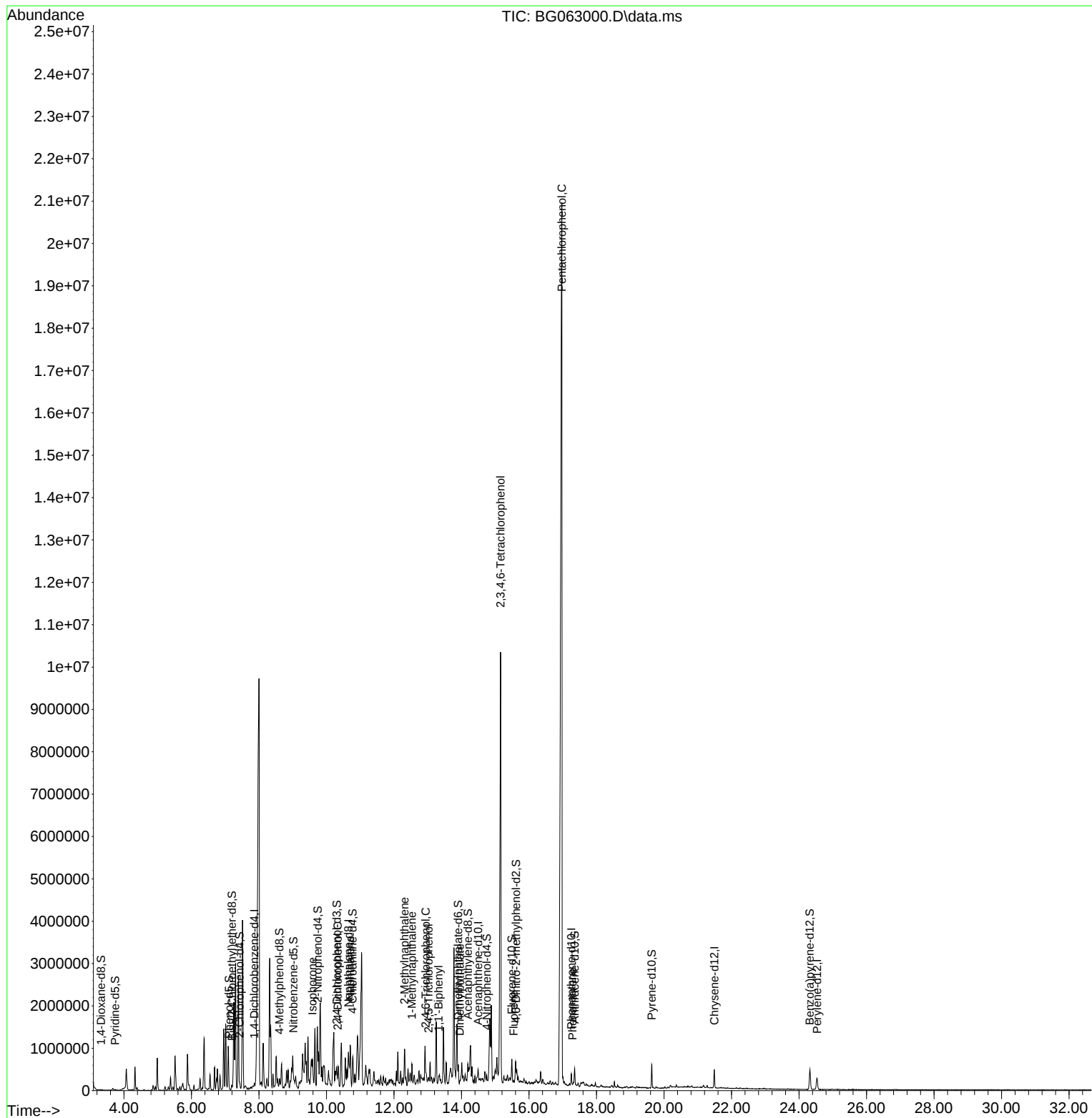
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Data File : BG063000.D
Acq On : 23 Sep 2024 19:50
Operator : RC/JU
Sample : P3879-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

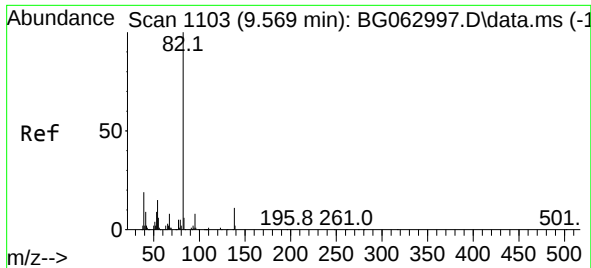
Instrument :
BNA_G
ClientSampleId :
DCVY3

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Supervised By :mohammad ahmed 09/26/2024

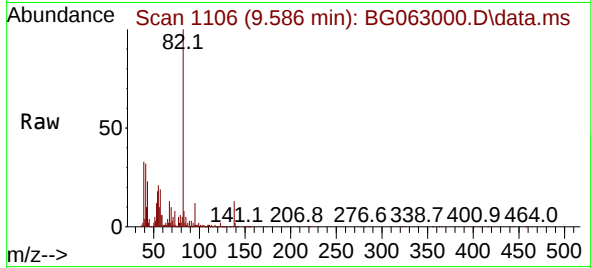
Quant Time: Sep 23 23:03:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration





#23
Isophorone
Concen: 46.707 ng/ul
RT: 9.586 min Scan# 1106
Delta R.T. 0.017 min
Lab File: BG063000.D
Acq: 23 Sep 2024 19:50

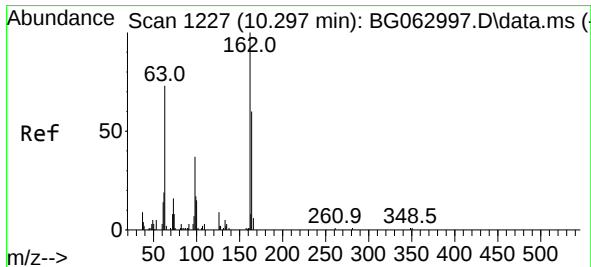
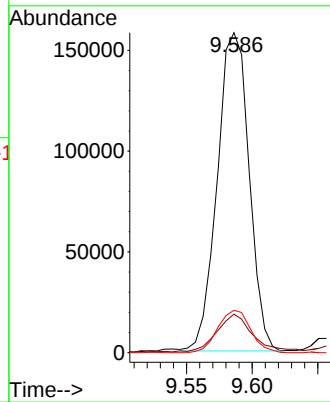
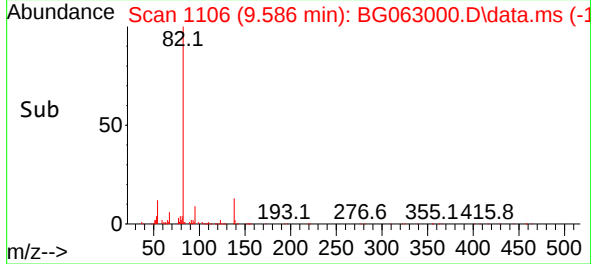
Instrument :
BNA_G
ClientSampleId :
DCVY3



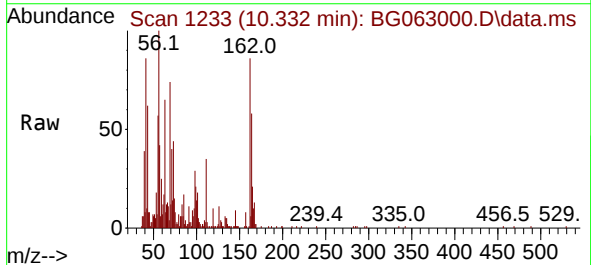
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Ion Ratio Lower Upper
82 100
95 12.1 6.2 9.4
138 13.2 10.9 16.3

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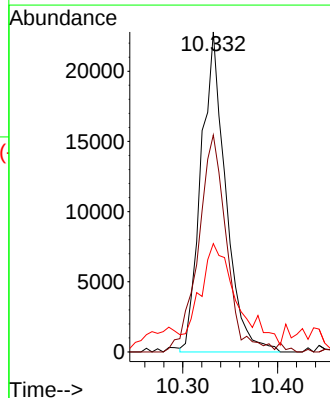
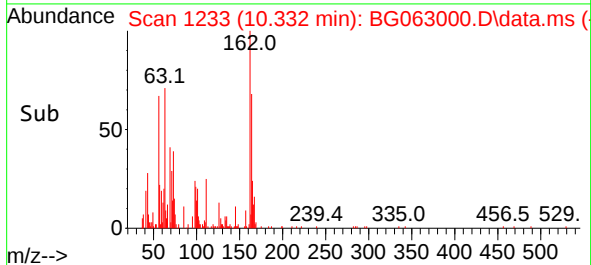
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

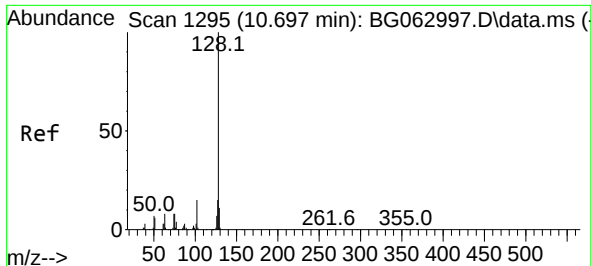


#29
2,4-Dichlorophenol
Concen: 18.339 ng/ul
RT: 10.332 min Scan# 1233
Delta R.T. 0.034 min
Lab File: BG063000.D
Acq: 23 Sep 2024 19:50



Tgt Ion:162 Resp: 41193
Ion Ratio Lower Upper
162 100
164 67.8 48.8 73.2
98 33.9 30.7 46.1





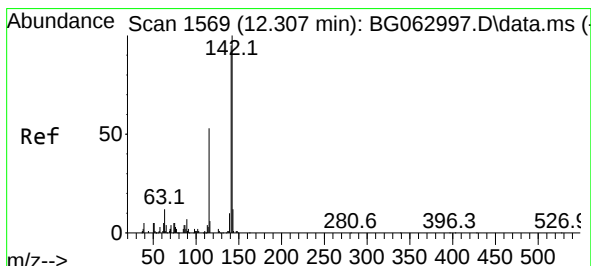
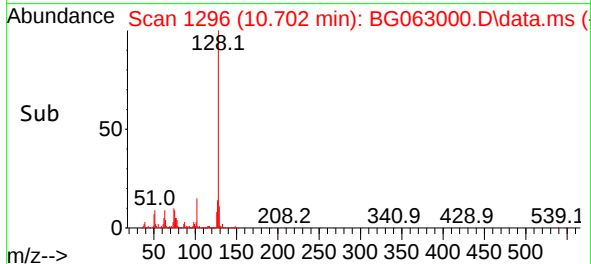
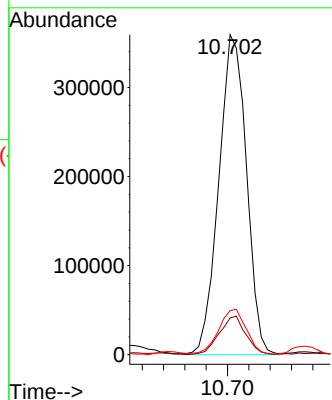
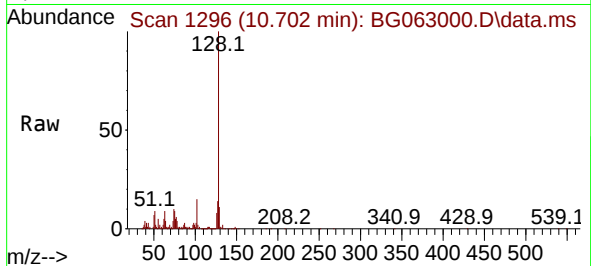
#30
Naphthalene
Concen: 96.358 ng/ul
RT: 10.702 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG063000.D
Acq: 23 Sep 2024 19:50

Instrument :
BNA_G
ClientSampleId :
DCVY3

Tgt Ion:128 Resp: 647402
Ion Ratio Lower Upper
128 100
129 11.5 7.1 10.7
127 13.8 9.4 14.2

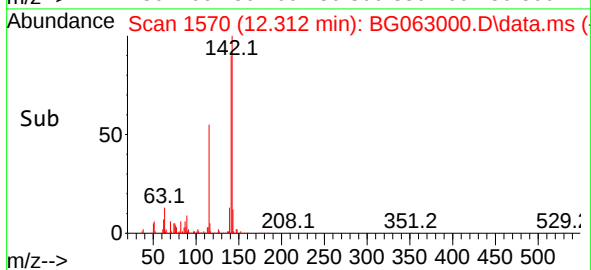
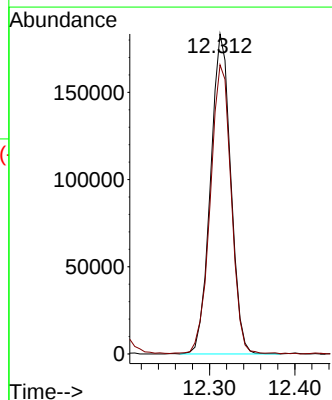
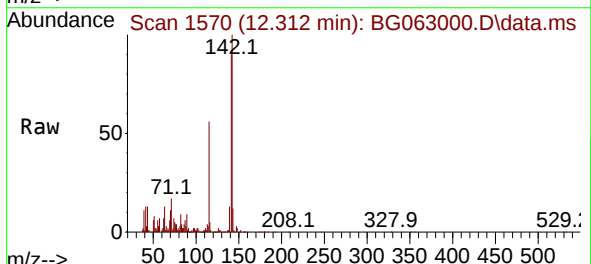
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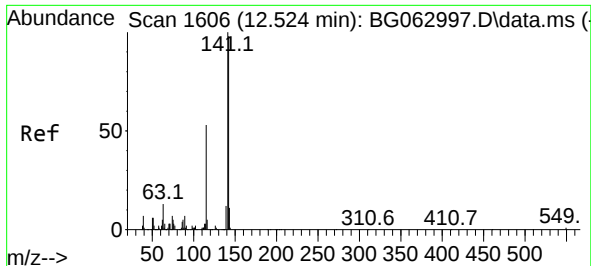
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#36
2-Methylnaphthalene
Concen: 62.569 ng/ul
RT: 12.312 min Scan# 1570
Delta R.T. 0.005 min
Lab File: BG063000.D
Acq: 23 Sep 2024 19:50

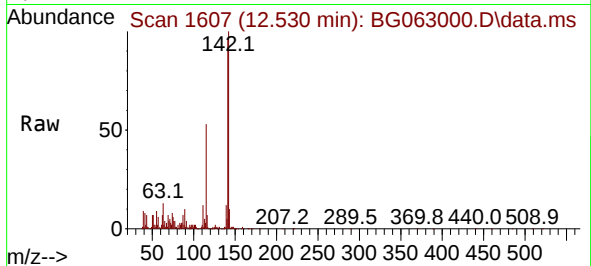
Tgt Ion:142 Resp: 302934
Ion Ratio Lower Upper
142 100
141 90.4 76.5 114.7





#37
1-Methylnaphthalene
Concen: 40.559 ng/ul
RT: 12.530 min Scan# 1606
Delta R.T. 0.005 min
Lab File: BG063000.D
Acq: 23 Sep 2024 19:50

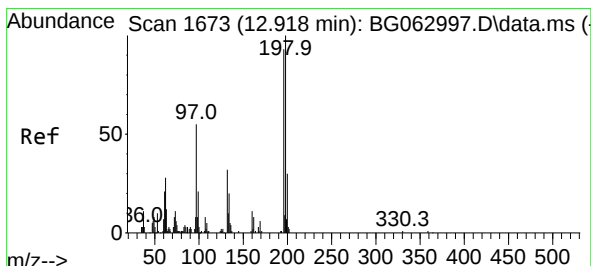
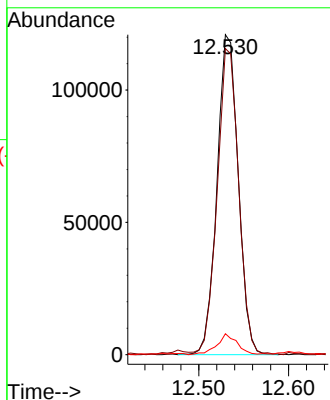
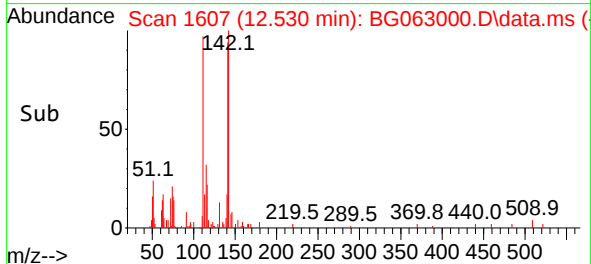
Instrument :
BNA_G
ClientSampleId :
DCVY3



Tgt Ion:142 Resp: 198730
Ion Ratio Lower Upper
142 100
141 95.7 74.1 111.1
116 6.6 3.6 5.4

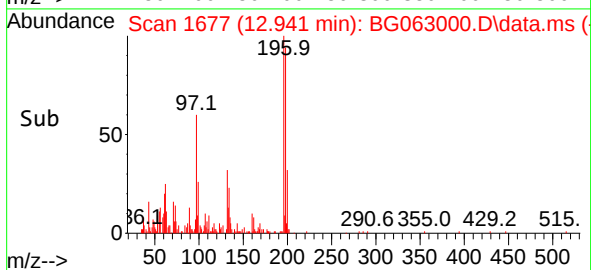
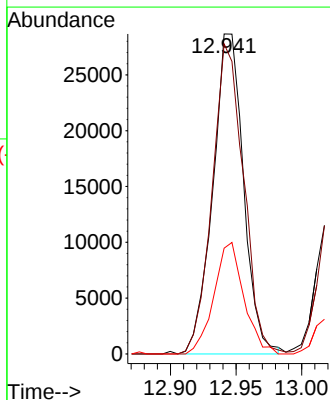
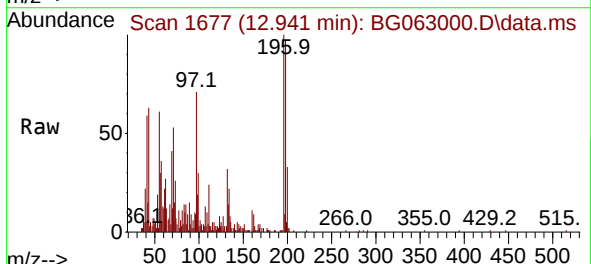
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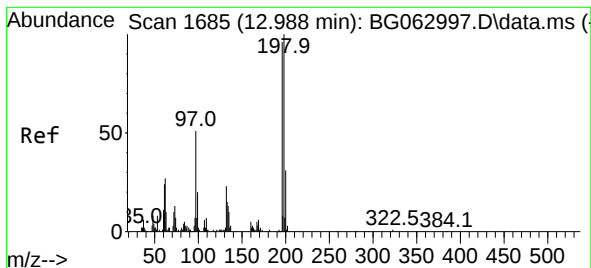
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#41
2,4,6-Trichlorophenol
Concen: 22.484 ng/ul
RT: 12.941 min Scan# 1677
Delta R.T. 0.023 min
Lab File: BG063000.D
Acq: 23 Sep 2024 19:50

Tgt Ion:196 Resp: 46621
Ion Ratio Lower Upper
196 100
198 96.9 81.8 122.6
200 33.1 30.5 45.7





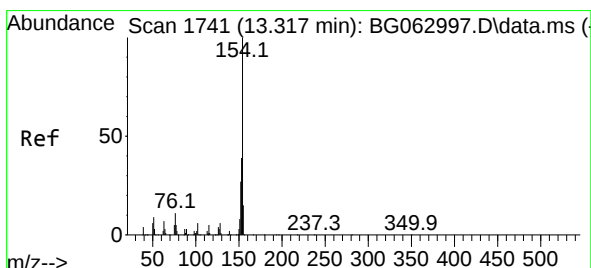
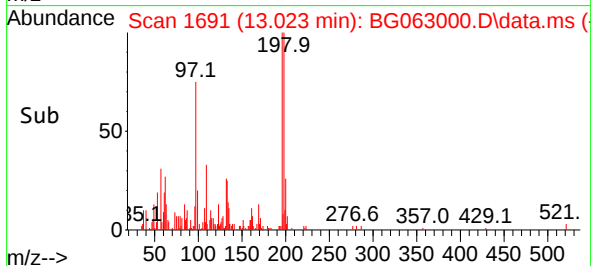
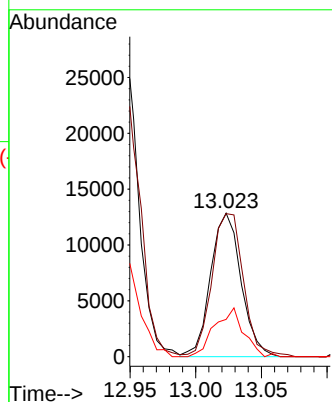
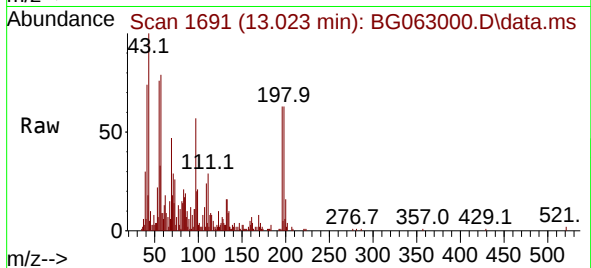
#42
2,4,5-Trichlorophenol
Concen: 9.536 ng/ul
RT: 13.023 min Scan# 1691
Delta R.T. 0.028 min
Lab File: BG063000.D
Acq: 23 Sep 2024 19:50

Instrument :
BNA_G
ClientSampleId :
DCVY3

Tgt Ion:196 Resp: 20774
Ion Ratio Lower Upper
196 100
198 99.6 75.5 113.3
200 26.0 25.5 38.3

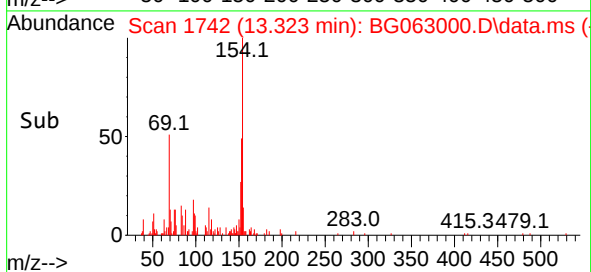
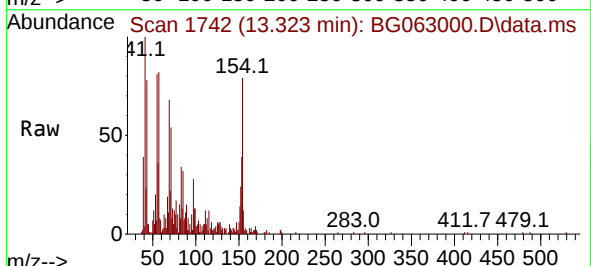
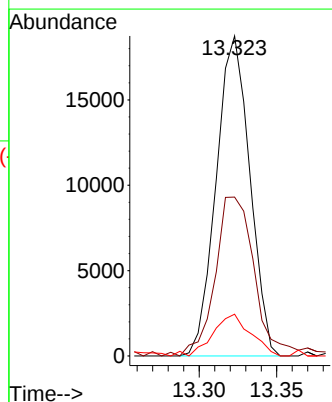
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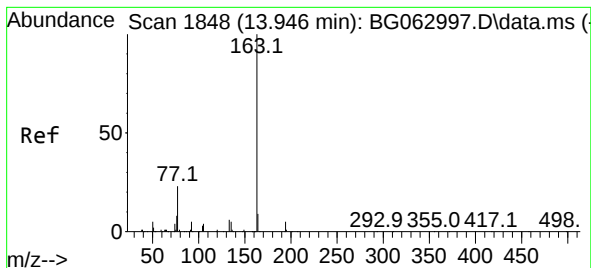
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#43
1,1'-Biphenyl
Concen: 4.047 ng/ul
RT: 13.323 min Scan# 1742
Delta R.T. 0.005 min
Lab File: BG063000.D
Acq: 23 Sep 2024 19:50

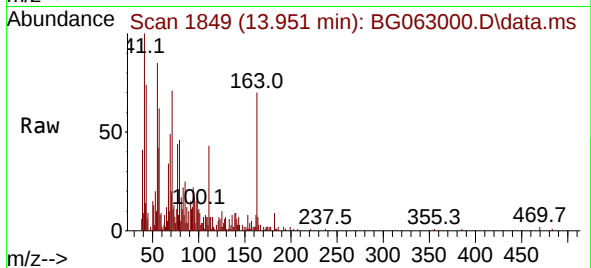
Tgt Ion:154 Resp: 28223
Ion Ratio Lower Upper
154 100
153 49.6 30.3 45.5#
76 13.1 11.9 17.9





#47
Dimethylphthalate
Concen: 2.203 ng/ul
RT: 13.951 min Scan# 1848
Delta R.T. 0.011 min
Lab File: BG063000.D
Acq: 23 Sep 2024 19:50

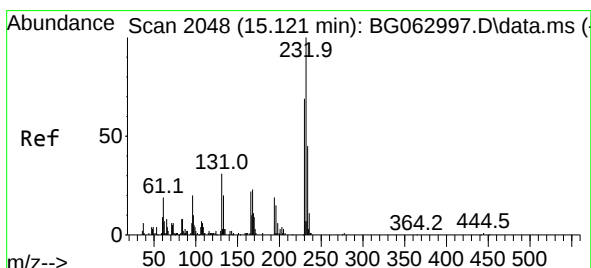
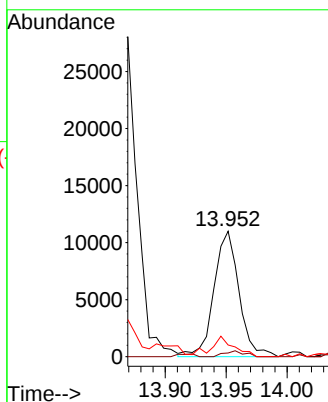
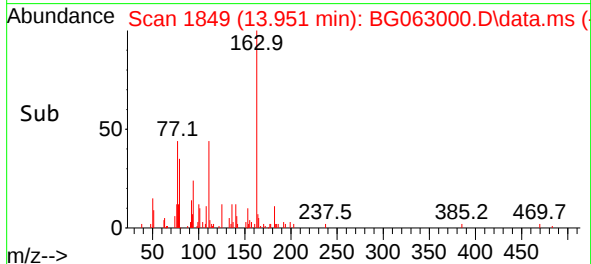
Instrument :
BNA_G
ClientSampleId :
DCVY3



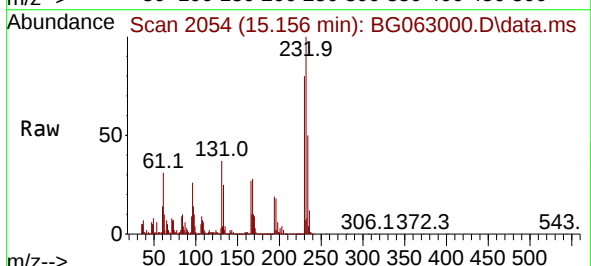
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Ion Ratio Lower Upper
163 100
194 2.9 2.9 4.3
164 9.3 8.2 12.4

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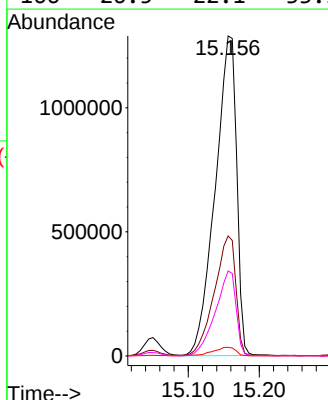
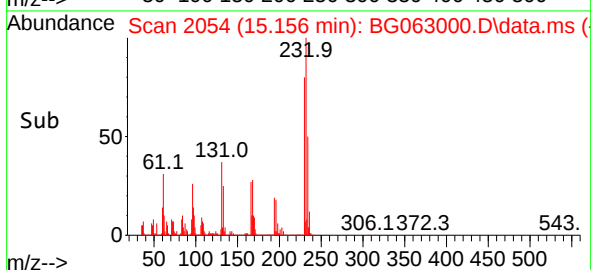
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

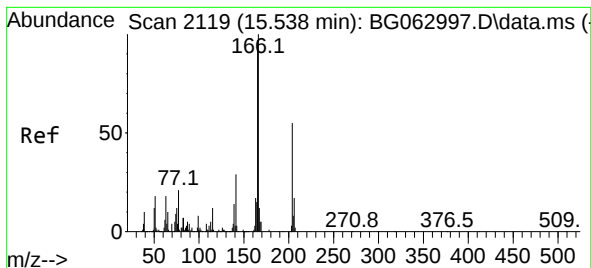


#58
2,3,4,6-Tetrachlorophenol
Concen: 1371.954 ng/ul
RT: 15.156 min Scan# 2054
Delta R.T. 0.040 min
Lab File: BG063000.D
Acq: 23 Sep 2024 19:50



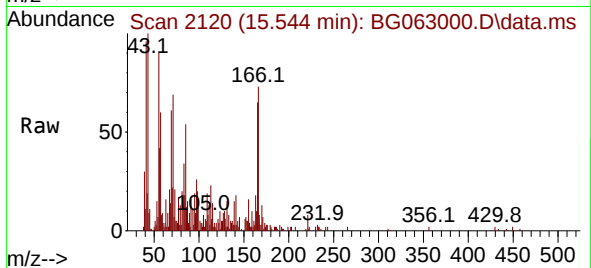
Tgt Ion:232 Resp: 2689407
Ion Ratio Lower Upper
232 100
131 37.5 31.9 47.9
130 2.7 1.9 2.9
166 26.5 22.1 33.1





#61
Fluorene
Concen: 2.014 ng/ul
RT: 15.544 min Scan# 2119
Delta R.T. 0.005 min
Lab File: BG063000.D
Acq: 23 Sep 2024 19:50

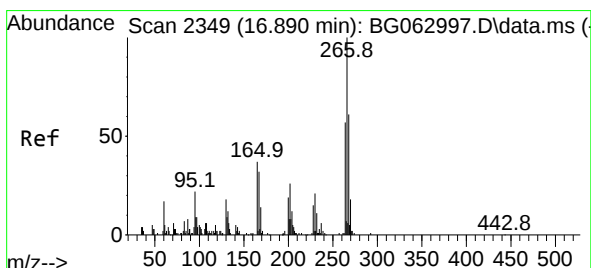
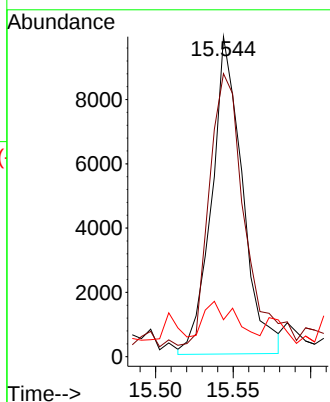
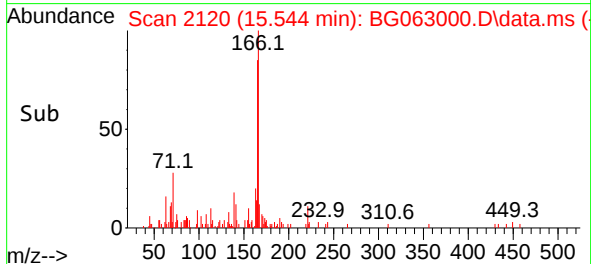
Instrument :
BNA_G
ClientSampleId :
DCVY3



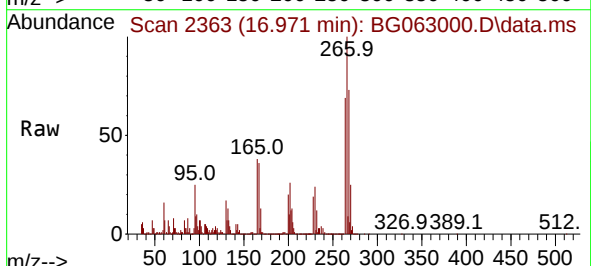
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Ion Ratio Lower Upper
166 100
165 88.4 77.2 115.8
167 11.6 10.8 16.2

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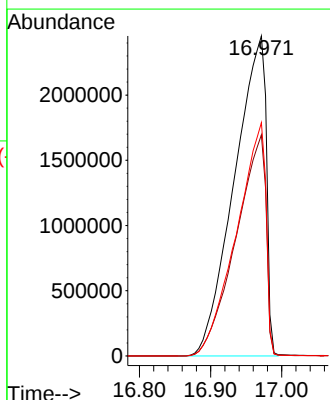
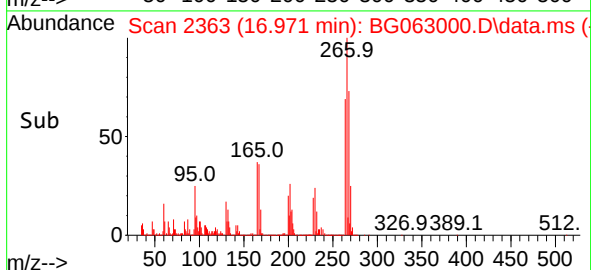
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

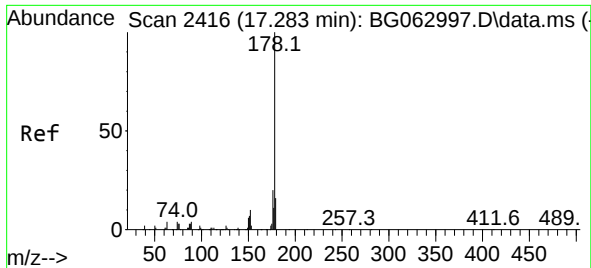


#71
Pentachlorophenol
Concen: 7364.632 ng/ul
RT: 16.971 min Scan# 2363
Delta R.T. 0.081 min
Lab File: BG063000.D
Acq: 23 Sep 2024 19:50



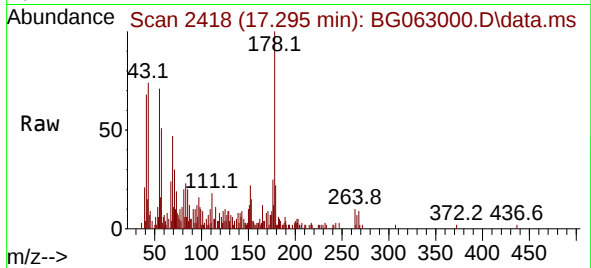
Tgt Ion:266 Resp: 7600074
Ion Ratio Lower Upper
266 100
264 69.1 43.0 64.4#
268 72.9 47.2 70.8#





#72
 Phenanthrene
 Concen: 2.240 ng/ul
 RT: 17.295 min Scan# 2416
 Delta R.T. 0.017 min
 Lab File: BG063000.D
 Acq: 23 Sep 2024 19:50

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:178 Resp: 16780
 Ion Ratio Lower Upper
 178 100
 179 22.1 12.3 18.5
 176 25.2 15.5 23.3

Manual Integrations
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 Supervised By :mohammad ahmed 09/26/2024

