

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063015.D
 Acq On : 24 Sep 2024 6:19
 Operator : RC/JU
 Sample : P3879-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC82

Manual Integrations
 APPROVED

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

Quant Time: Sep 24 07:55:34 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	7.865	152	17036	20.000	ng/u1	0.01
20) Naphthalene-d8	10.667	136	96214	20.000	ng/u1	# 0.02
38) Acenaphthene-d10	14.504	164	66027	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.277	188	157308	20.000	ng/u1	# 0.04
79) Chrysene-d12	21.496	240	179204m	20.000	ng/u1	0.01
88) Perylene-d12	24.539	264	143932	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	2327	4.001	ng/uL	0.00
4) Pyridine-d5	3.740	84	14639	9.271	ng/u1	0.00
7) Phenol-d5	7.165	99	11862m	6.710	ng/u1	0.13
9) Bis-(2-Chloroethyl)eth...	7.201	67	9960	10.068	ng/u1	0.02
11) 2-Chlorophenol-d4	7.453	132	8291m	7.144	ng/u1	0.06
15) 4-Methylphenol-d8	8.540	113	26018m	20.091	ng/u1	-0.02
21) Nitrobenzene-d5	9.046	128	5262m	6.865	ng/u1	0.04
24) 2-Nitrophenol-d4	9.815	143	20571m	23.656	ng/u1	0.09
28) 2,4-Dichlorophenol-d3	10.332	165	7423m	4.114	ng/u1	0.06
31) 4-Chloroaniline-d4	10.773	131	52342m	23.312	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	6343	1.292	ng/u1	0.02
49) Acenaphthylene-d8	14.198	160	2990	0.545	ng/u1	0.02
54) 4-Nitrophenol-d4	14.733	143	12392	15.750	ng/u1	0.04
60) Fluorene-d10	15.497	176	3012	0.659	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.650	200	35500	37.332	ng/u1	0.05
73) Anthracene-d10	17.371	188	5476	0.737	ng/u1	0.03
81) Pyrene-d10	19.645	212	11366m	1.047	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.322	264	5393	0.710	ng/u1	0.01
Target Compounds						
					Qvalue	
23) Isophorone	9.604	82	756794	166.996	ng/u1#	93
30) Naphthalene	10.714	128	454136	85.008	ng/u1#	92
36) 2-Methylnaphthalene	12.324	142	406117	105.492	ng/u1	90
37) 1-Methylnaphthalene	12.547	142	247170	63.441	ng/u1#	97
41) 2,4,6-Trichlorophenol	12.976	196	24191m	16.590	ng/u1	
42) 2,4,5-Trichlorophenol	13.059	196	22439m	14.648	ng/u1	
43) 1,1'-Biphenyl	13.335	154	44516	9.076	ng/u1#	76
52) Acenaphthene	14.569	153	21806	5.200	ng/u1#	81
58) 2,3,4,6-Tetrachlorophenol	15.174	232	3117816	2261.728	ng/u1#	97
61) Fluorene	15.556	166	43326	9.105	ng/u1#	78
71) Pentachlorophenol	17.013	266	14481223	12576.791	ng/u1#	74
72) Phenanthrene	17.318	178	185997	22.257	ng/u1	96

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

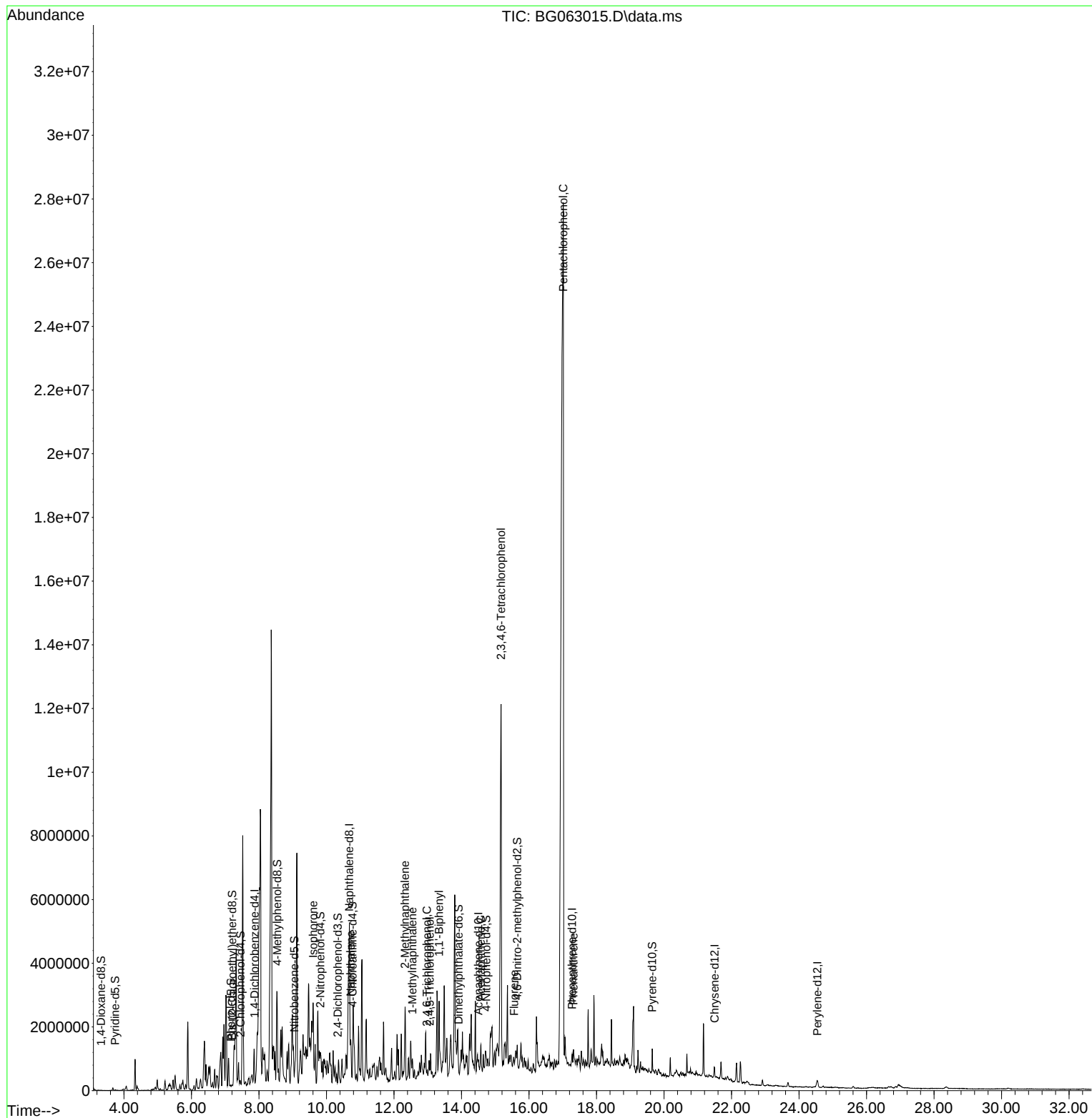
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063015.D
Acq On : 24 Sep 2024 6:19
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ALS Vial : 21 Sample Multiplier: 1

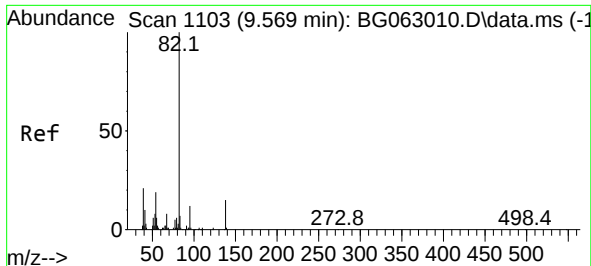
Instrument :
BNA_G
ClientSampleId :
DDC82

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Quant Title : SVOA CALIBRATION
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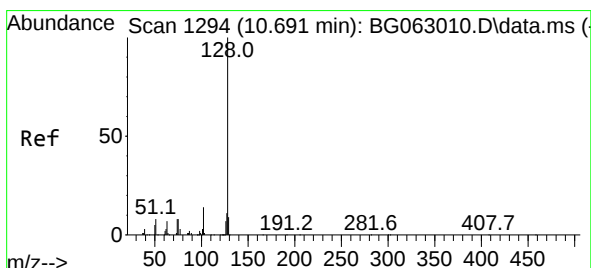
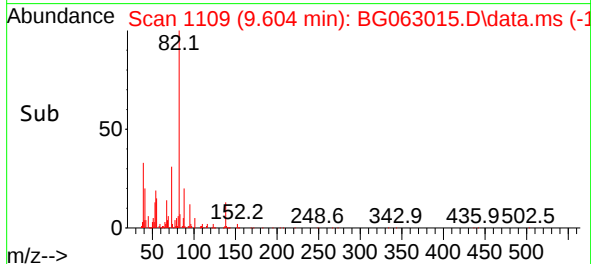
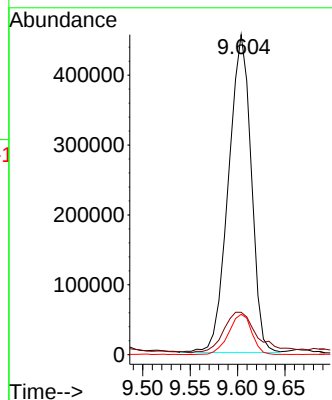
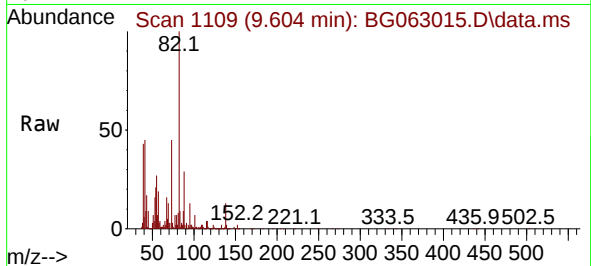
#23
Isophorone
Concen: 166.996 ng/uI
RT: 9.604 min Scan# 1109
Delta R.T. 0.034 min
Lab File: BG063015.D
Acq: 24 Sep 2024 6:19

Instrument :
BNA_G
ClientSampleId :
DDC82

Tgt Ion: 82 Resp: 756794
Ion Ratio Lower Upper
82 100
95 13.2 6.2 9.4#
138 12.6 10.9 16.3

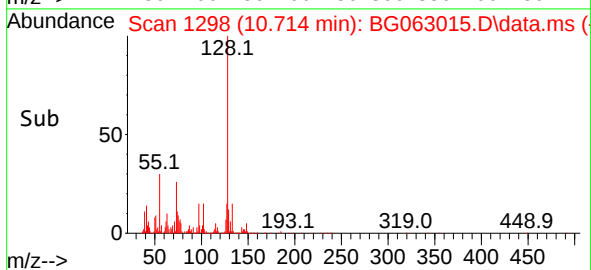
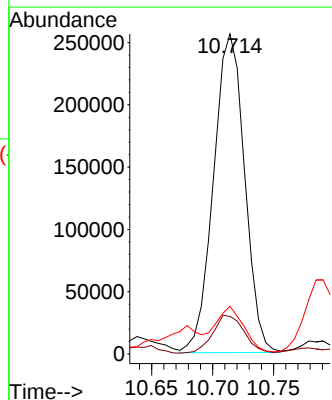
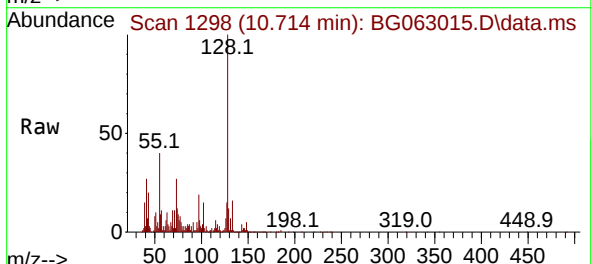
Manual Integrations
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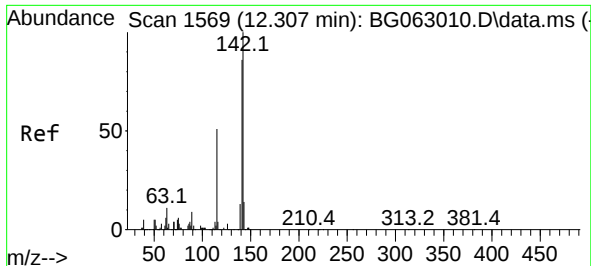
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#30
Naphthalene
Concen: 85.008 ng/uI
RT: 10.714 min Scan# 1298
Delta R.T. 0.017 min
Lab File: BG063015.D
Acq: 24 Sep 2024 6:19

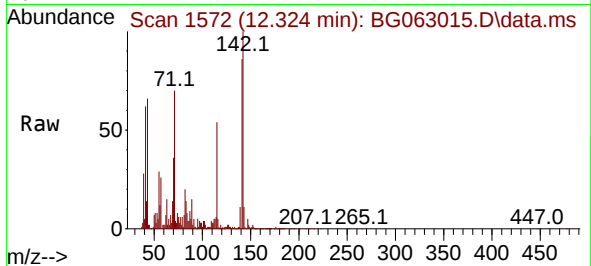
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Ion Ratio Lower Upper
128 100
129 11.8 7.1 10.7#
127 14.9 9.4 14.2#





#36
2-Methylnaphthalene
Concen: 105.492 ng/ul
RT: 12.324 min Scan# 11
Delta R.T. 0.017 min
Lab File: BG063015.D
Acq: 24 Sep 2024 6:19

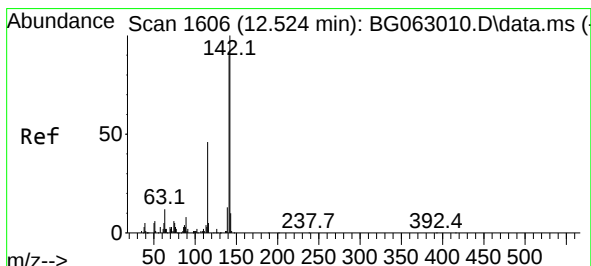
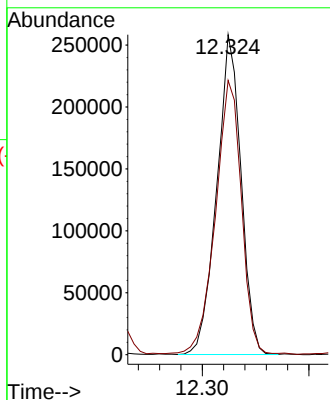
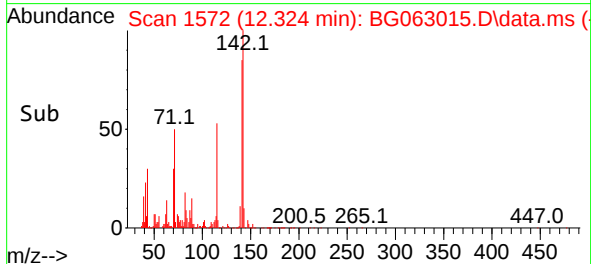
Instrument :
BNA_G
ClientSampleId :
DDC82



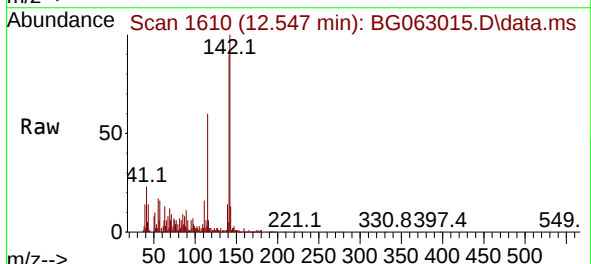
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Ion Ratio Lower Upper
142 100
141 85.7 76.5 114.7

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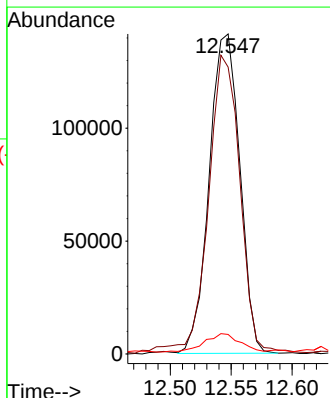
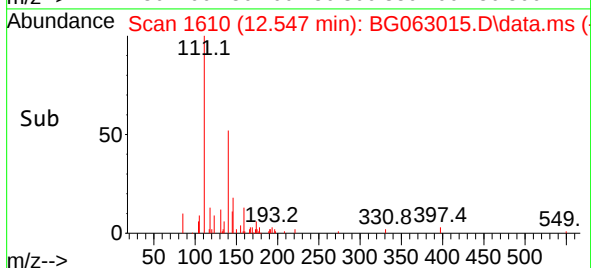
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

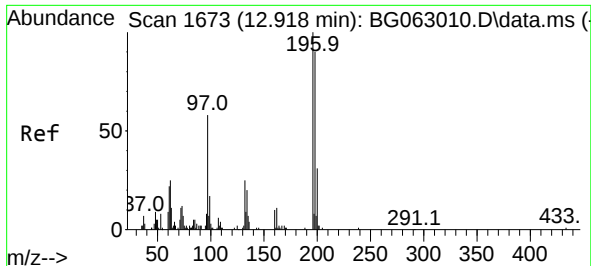


#37
1-Methylnaphthalene
Concen: 63.441 ng/ul
RT: 12.547 min Scan# 1610
Delta R.T. 0.023 min
Lab File: BG063015.D
Acq: 24 Sep 2024 6:19



Tgt Ion:142 Resp: 247170
Ion Ratio Lower Upper
142 100
141 89.7 74.1 111.1
116 6.1 3.6 5.4#





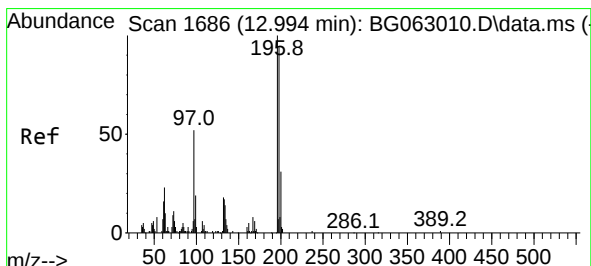
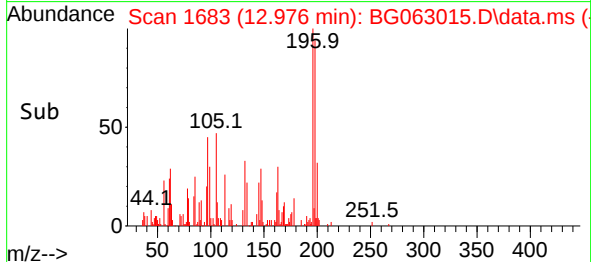
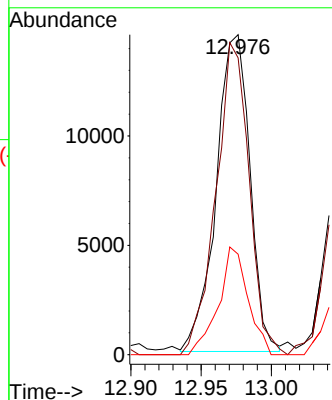
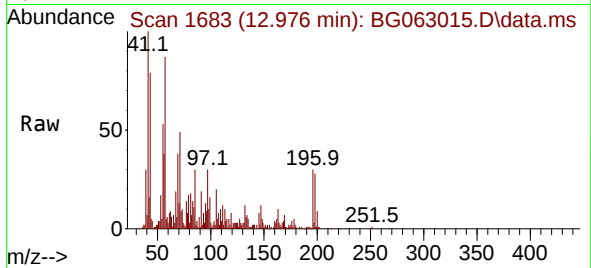
#41
2,4,6-Trichlorophenol
Concen: 16.590 ng/ul m
RT: 12.976 min Scan# 1697
Delta R.T. 0.058 min
Lab File: BG063015.D
Acq: 24 Sep 2024 6:19

Instrument :
BNA_G
ClientSampleId :
DDC82

Tgt Ion:196 Resp: 2419
Ion Ratio Lower Upper
196 100
198 92.7 81.8 122.6
200 31.4 30.5 45.7

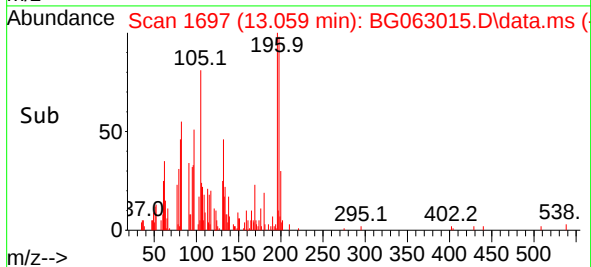
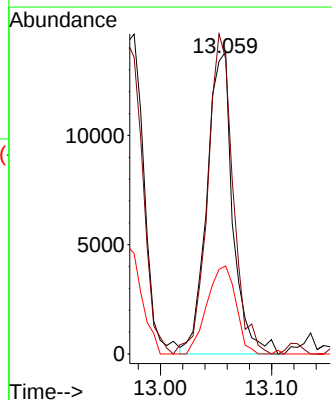
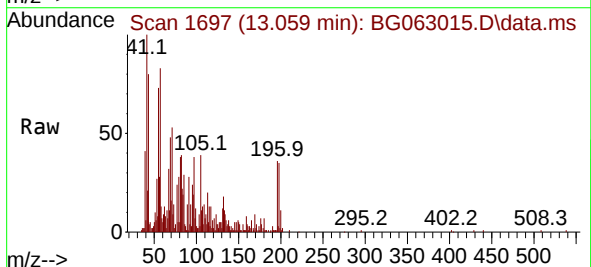
Manual Integrations
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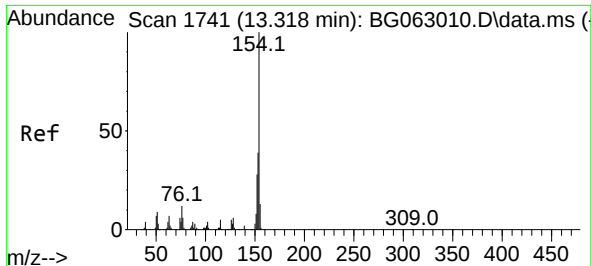
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#42
2,4,5-Trichlorophenol
Concen: 14.648 ng/ul m
RT: 13.059 min Scan# 1697
Delta R.T. 0.064 min
Lab File: BG063015.D
Acq: 24 Sep 2024 6:19

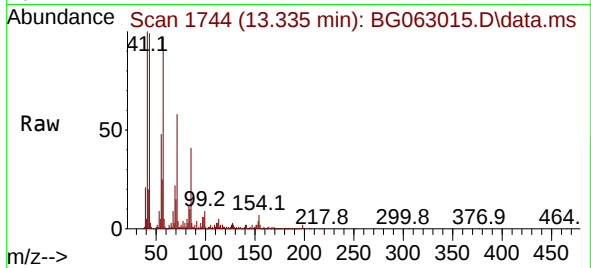
Tgt Ion:196 Resp: 22439
Ion Ratio Lower Upper
196 100
198 97.7 75.5 113.3
200 29.1 25.5 38.3





#43
1,1'-Biphenyl
Concen: 9.076 ng/ul
RT: 13.335 min Scan# 1744
Delta R.T. 0.017 min
Lab File: BG063015.D
Acq: 24 Sep 2024 6:19

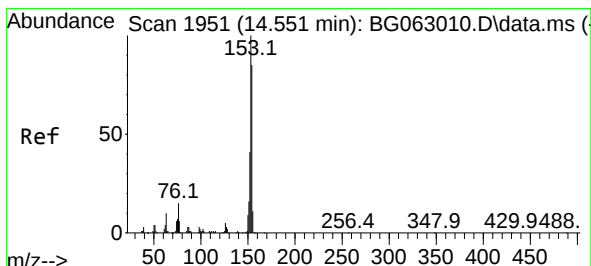
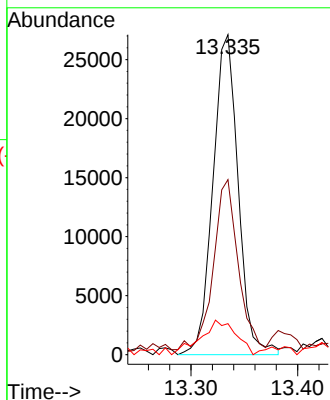
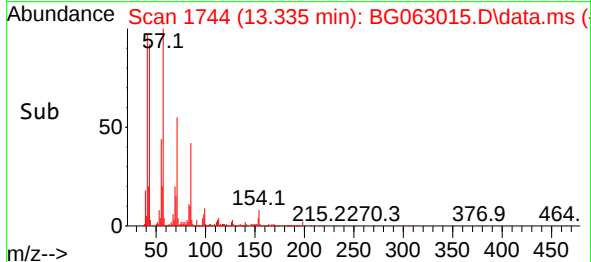
Instrument :
BNA_G
ClientSampleId :
DDC82



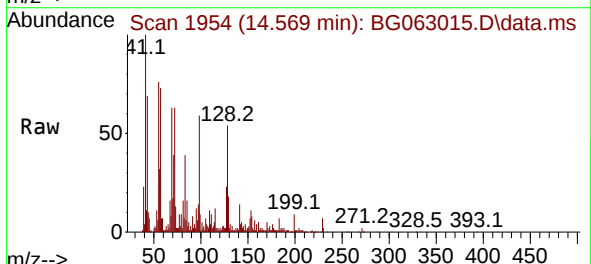
Tgt Ion:154 Resp: 44510
Ion Ratio Lower Upper
154 100
153 54.7 30.3 45.5
76 9.7 11.9 17.9

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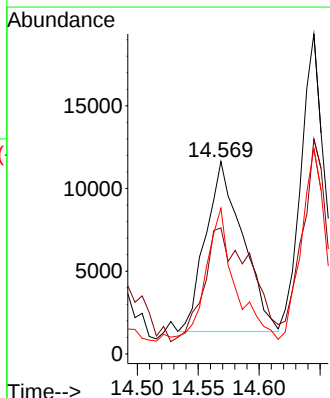
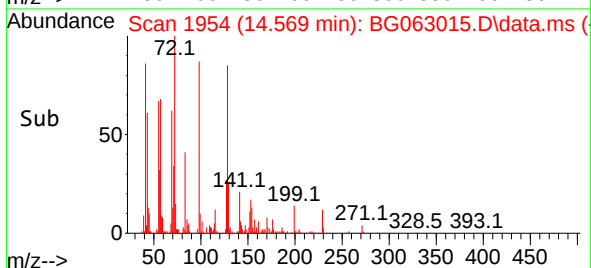
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

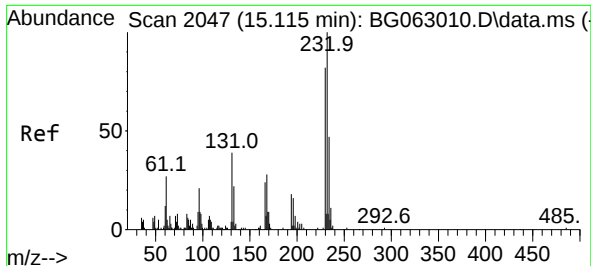


#52
Acenaphthene
Concen: 5.200 ng/ul
RT: 14.569 min Scan# 1954
Delta R.T. 0.017 min
Lab File: BG063015.D
Acq: 24 Sep 2024 6:19



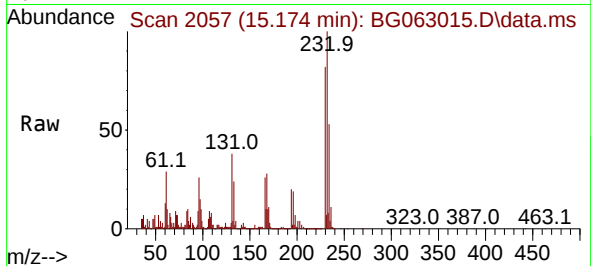
Tgt Ion:153 Resp: 21806
Ion Ratio Lower Upper
153 100
152 65.5 35.8 53.8
154 75.7 69.5 104.3





#58
2,3,4,6-Tetrachlorophenol
Concen: 2261.728 ng/ul
RT: 15.174 min Scan# 2047
Delta R.T. 0.058 min
Lab File: BG063015.D
Acq: 24 Sep 2024 6:19

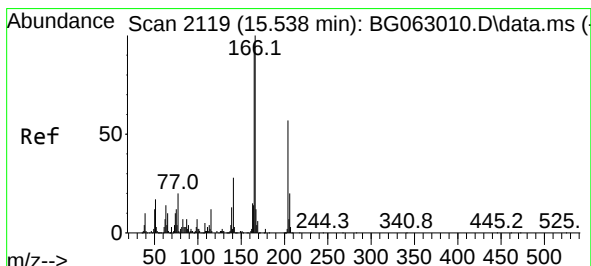
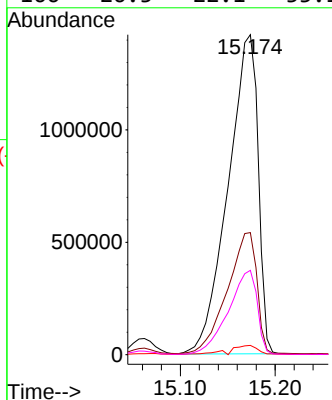
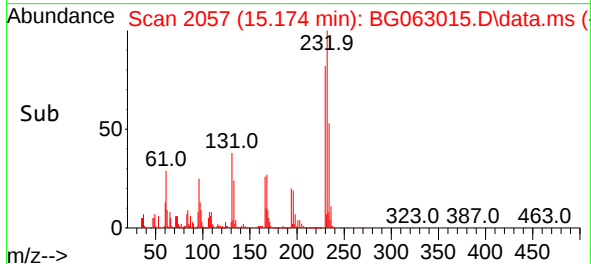
Instrument :
BNA_G
ClientSampleId :
DDC82



Tgt Ion:232 Resp: 3117810
Ion Ratio Lower Upper
232 100
131 38.2 31.9 47.9
130 2.9 1.9 2.9
166 26.3 22.1 33.1

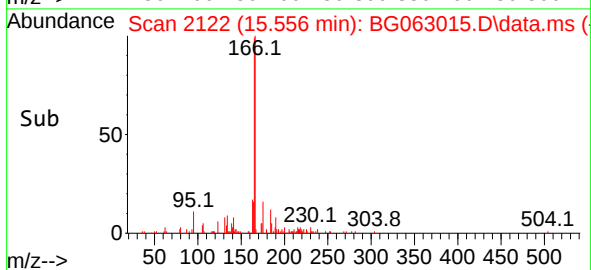
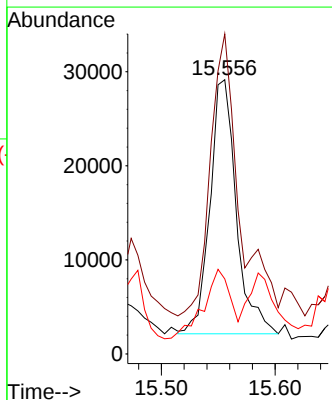
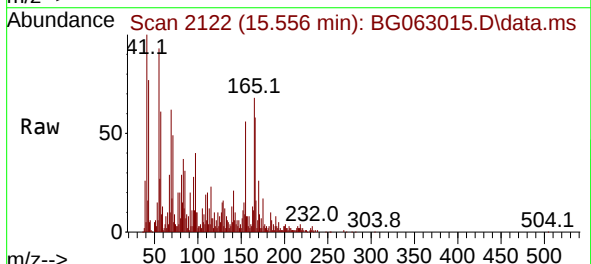
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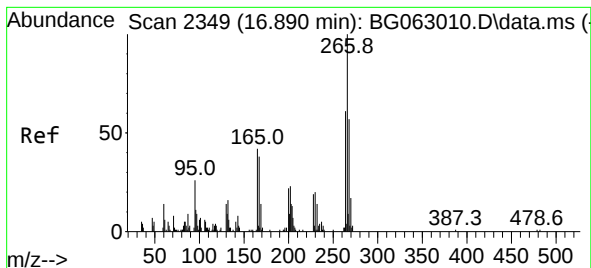
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#61
Fluorene
Concen: 9.105 ng/ul
RT: 15.556 min Scan# 2122
Delta R.T. 0.017 min
Lab File: BG063015.D
Acq: 24 Sep 2024 6:19

Tgt Ion:166 Resp: 43326
Ion Ratio Lower Upper
166 100
165 116.7 77.2 115.8#
167 27.4 10.8 16.2#





#71

Pentachlorophenol

Concen: 12576.791 ng/u1

RT: 17.013 min Scan# 21

Delta R.T. 0.123 min

Lab File: BG063015.D

Acq: 24 Sep 2024 6:19

Instrument :

BNA_G

ClientSampleId :

DDC82

Tgt Ion:266 Resp:1448122

Ion Ratio Lower Upper

266 100

264 73.6 43.0 64.4

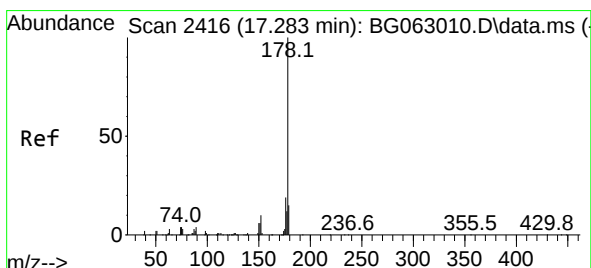
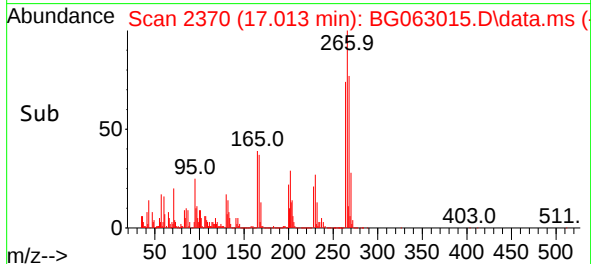
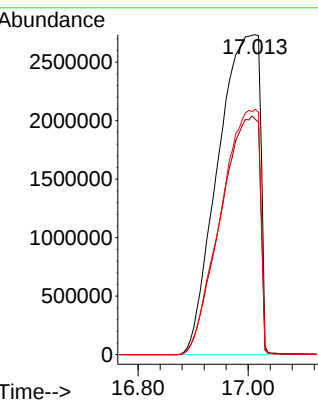
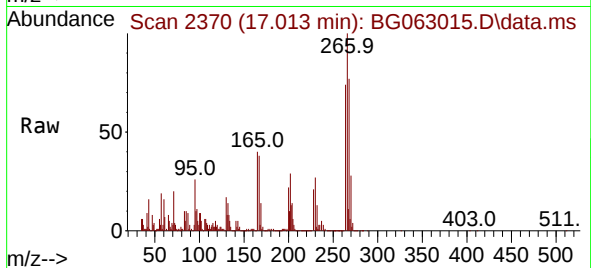
268 76.7 47.2 70.8

Manual Integrations

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Supervised By :mohammad ahmed 09/26/2024



#72

Phenanthrene

Concen: 22.257 ng/u1

RT: 17.318 min Scan# 2422

Delta R.T. 0.040 min

Lab File: BG063015.D

Acq: 24 Sep 2024 6:19

Tgt Ion:178 Resp: 185997

Ion Ratio Lower Upper

178 100

179 17.5 12.3 18.5

176 20.7 15.5 23.3

