

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063013.D
 Acq On : 24 Sep 2024 5:00
 Operator : RC/JU
 Sample : P3879-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCJ4

Manual Integrations
 APPROVED

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

Quant Time: Sep 24 06:18:40 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	7.861	152	29651	20.000	ng/ul	0.00
20) Naphthalene-d8	10.664	136	119186	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.506	164	58991	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.262	188	130453	20.000	ng/ul	# 0.03
79) Chrysene-d12	21.492	240	158447m	20.000	ng/ul	0.00
88) Perylene-d12	24.530	264	275820	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	4660	4.603	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.197	99	69685m	22.649	ng/ul	0.17
9) Bis-(2-Chloroethyl)eth...	7.197	67	48902	28.402	ng/ul	0.01
11) 2-Chlorophenol-d4	7.467	132	65596m	32.473	ng/ul	0.08
15) 4-Methylphenol-d8	8.684	113	52531m	23.307	ng/ul	0.12
21) Nitrobenzene-d5	9.036	128	23949	25.222	ng/ul	0.03
24) 2-Nitrophenol-d4	9.759	143	39120	36.316	ng/ul	0.03
28) 2,4-Dichlorophenol-d3	10.346	165	92668	41.463	ng/ul	0.08
31) 4-Chloroaniline-d4	10.787	131	21018	7.557	ng/ul	0.00
46) Dimethylphthalate-d6	13.931	166	161932	36.914	ng/ul	0.04
49) Acenaphthylene-d8	14.201	160	164647	33.605	ng/ul	0.02
54) 4-Nitrophenol-d4	14.829	143	14105m	20.065	ng/ul	0.14
60) Fluorene-d10	15.499	176	140769	34.463	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.623	200	34563	43.829	ng/ul	0.02
73) Anthracene-d10	17.356	188	233159	37.817	ng/ul	0.02
81) Pyrene-d10	19.641	212	315260m	32.851	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.330	264	540650	37.168	ng/ul	0.02
Target Compounds						
					Qvalue	
23) Isophorone	9.630	82	1863759	331.994	ng/ul#	96
29) 2,4-Dichlorophenol	10.382	162	114123	51.582	ng/ul	97
30) Naphthalene	10.717	128	652261	98.562	ng/ul#	95
36) 2-Methylnaphthalene	12.326	142	185770	38.955	ng/ul	97
37) 1-Methylnaphthalene	12.550	142	141742	29.369	ng/ul#	91
41) 2,4,6-Trichlorophenol	12.996	196	88617m	68.022	ng/ul	
42) 2,4,5-Trichlorophenol	13.079	196	54855m	40.080	ng/ul	
43) 1,1'-Biphenyl	13.331	154	22314	5.092	ng/ul	91
52) Acenaphthene	14.565	153	5357	1.430	ng/ul#	67
58) 2,3,4,6-Tetrachlorophenol	15.182	232	2909032	2361.969	ng/ul	92
61) Fluorene	15.552	166	7321	1.722	ng/ul	92
71) Pentachlorophenol	16.980	266	7456842	7809.375	ng/ul#	83
72) Phenanthrene	17.303	178	16054	2.317	ng/ul#	87

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

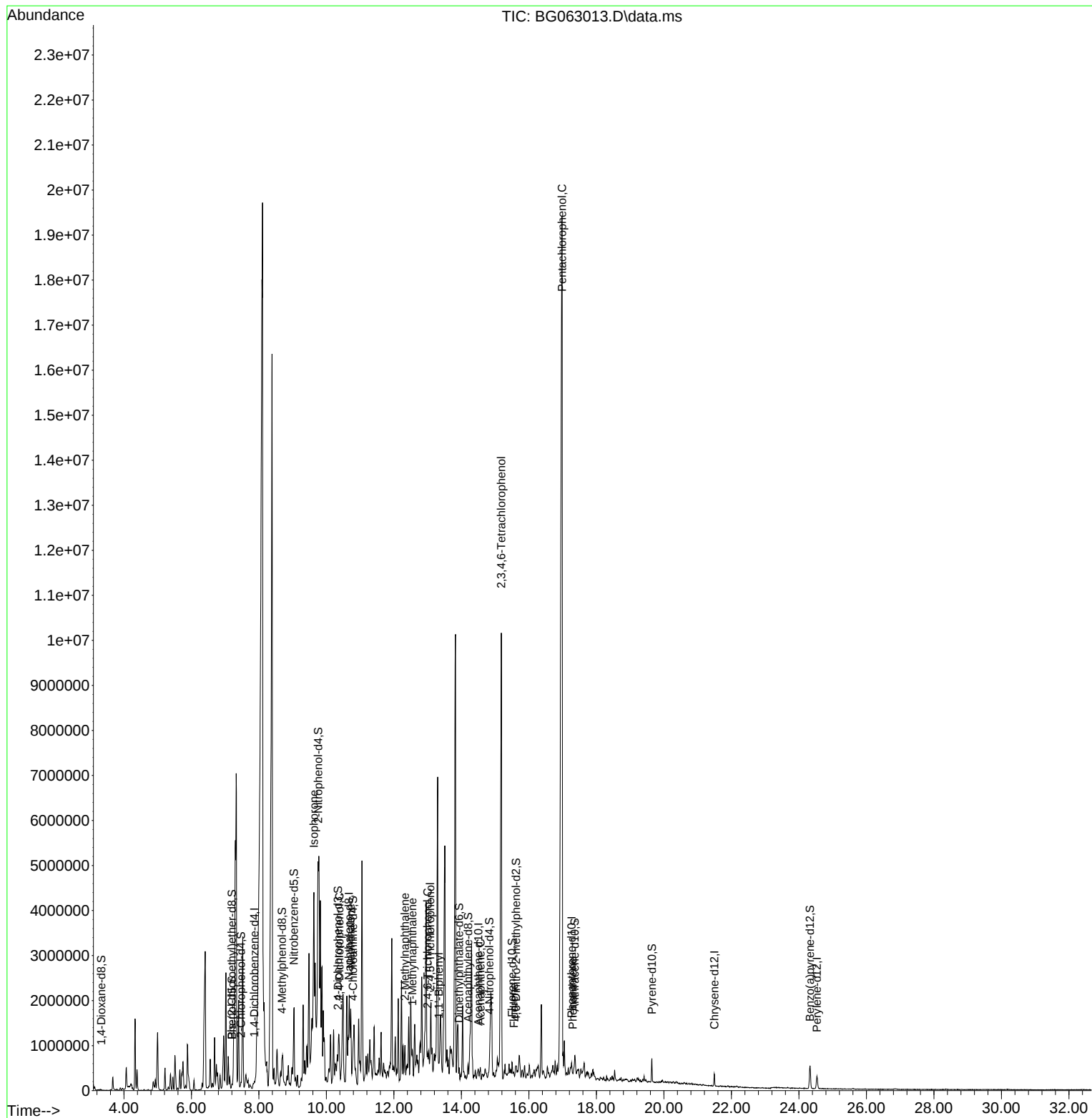
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

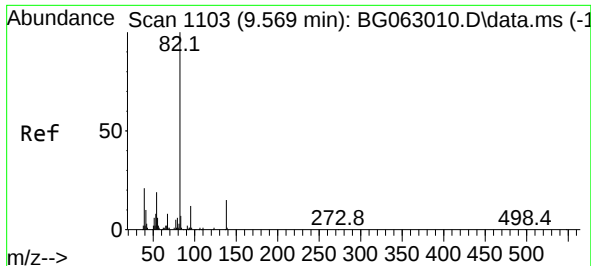
Instrument :
BNA_G
ClientSampleId :
DDCJ4

Quant Time: Sep 24 06:18:40 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

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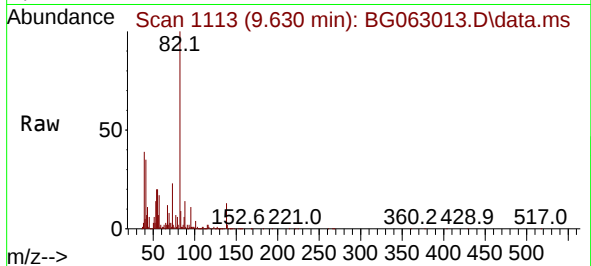
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024





#23
Isophorone
Concen: 331.994 ng/ul
RT: 9.630 min Scan# 1113
Delta R.T. 0.060 min
Lab File: BG063013.D
Acq: 24 Sep 2024 5:00

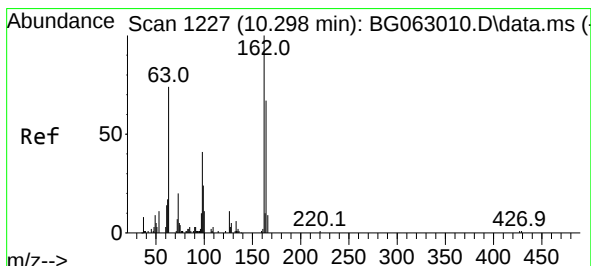
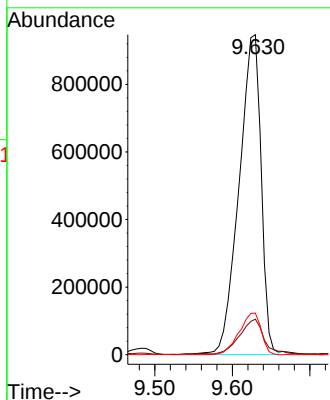
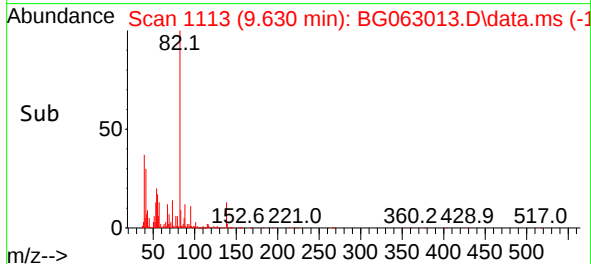
Instrument :
BNA_G
ClientSampleId :
DDCJ4



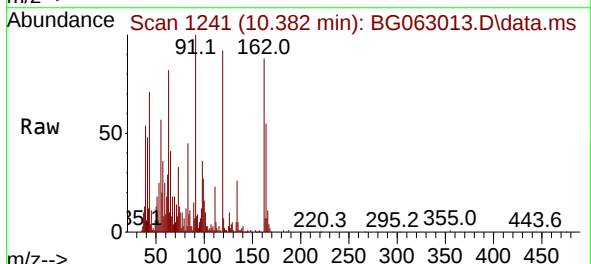
Tgt Ion: 82 Resp: 186375
Ion Ratio Lower Upper
82 100
95 11.1 6.2 9.4
138 13.0 10.9 16.3

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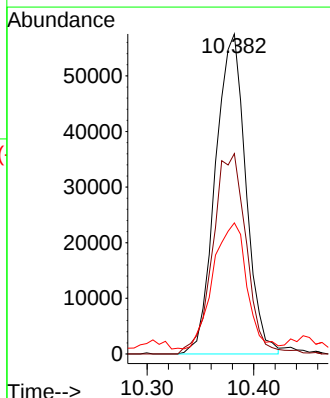
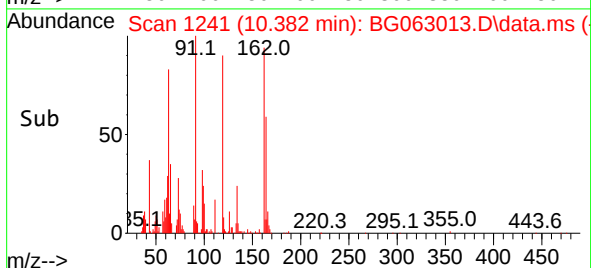
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

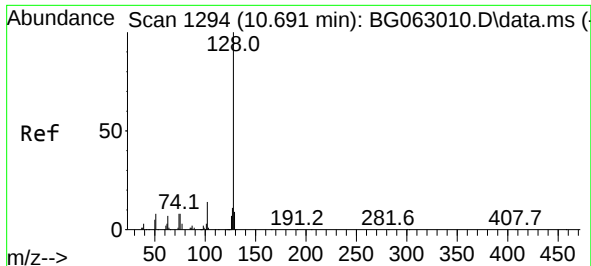


#29
2,4-Dichlorophenol
Concen: 51.582 ng/ul
RT: 10.382 min Scan# 1241
Delta R.T. 0.084 min
Lab File: BG063013.D
Acq: 24 Sep 2024 5:00



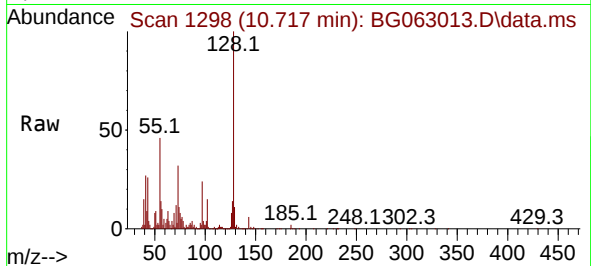
Tgt Ion:162 Resp: 114123
Ion Ratio Lower Upper
162 100
164 62.6 48.8 73.2
98 41.0 30.7 46.1





#30
Naphthalene
Concen: 98.562 ng/ul
RT: 10.717 min Scan# 11
Delta R.T. 0.019 min
Lab File: BG063013.D
Acq: 24 Sep 2024 5:00

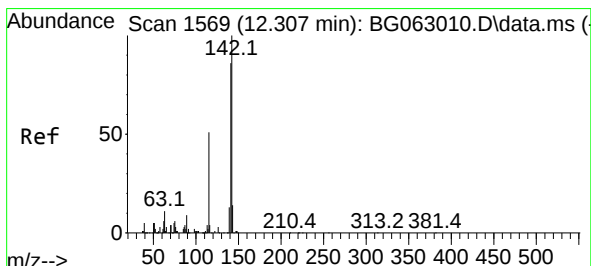
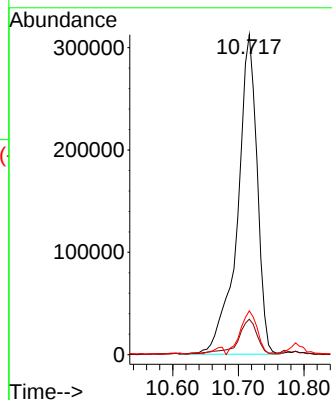
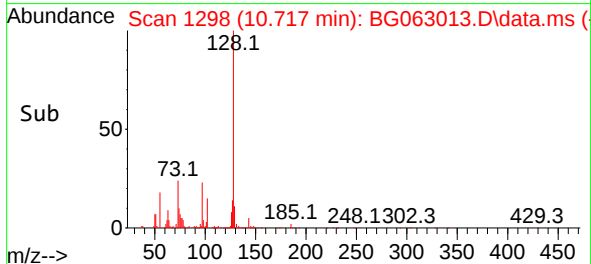
Instrument :
BNA_G
ClientSampleId :
DDCJ4



Tgt Ion:128 Resp: 65226
Ion Ratio Lower Upper
128 100
129 11.1 7.1 10.7
127 13.7 9.4 14.2

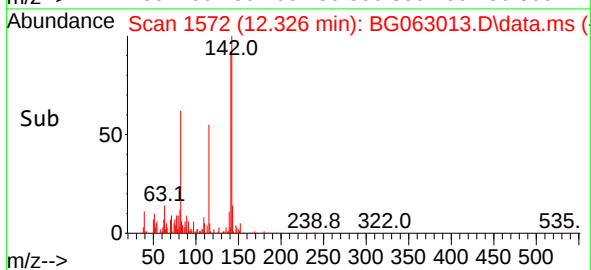
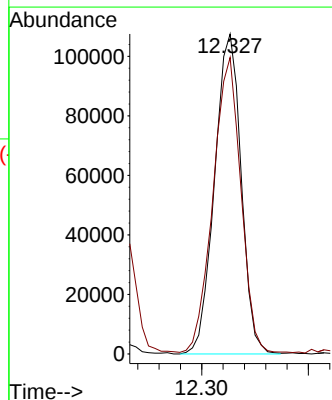
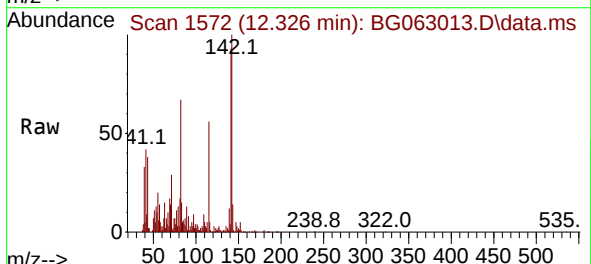
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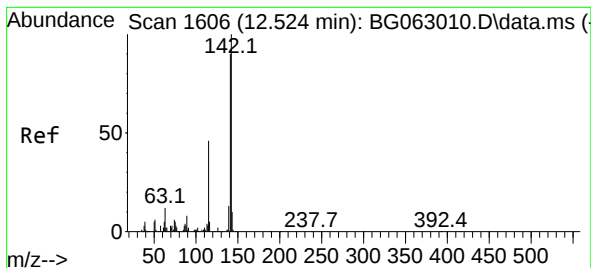
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#36
2-Methylnaphthalene
Concen: 38.955 ng/ul
RT: 12.326 min Scan# 1572
Delta R.T. 0.019 min
Lab File: BG063013.D
Acq: 24 Sep 2024 5:00

Tgt Ion:142 Resp: 185770
Ion Ratio Lower Upper
142 100
141 92.6 76.5 114.7





#37

1-Methylnaphthalene

Concen: 29.369 ng/ul

RT: 12.550 min Scan# 1

Delta R.T. 0.025 min

Lab File: BG063013.D

Acq: 24 Sep 2024 5:00

Instrument :

BNA_G

ClientSampleId :

DDCJ4

Tgt Ion:142 Resp: 14174

Ion Ratio Lower Upper

142 100

141 84.2 74.1 111.1

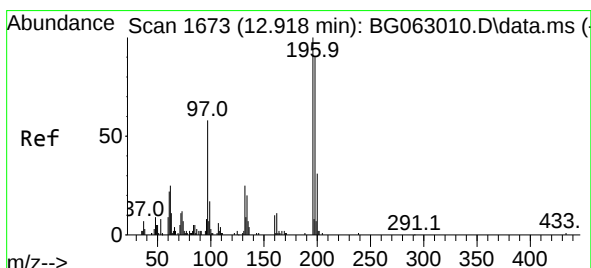
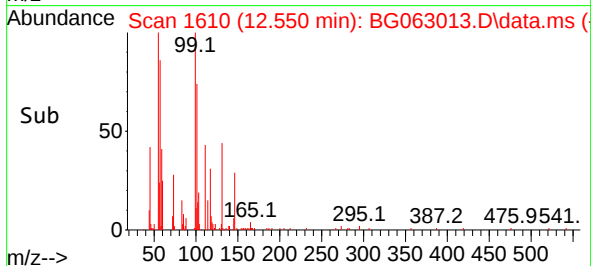
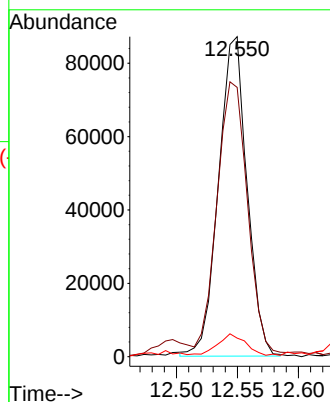
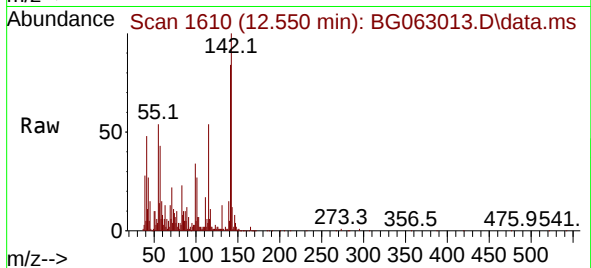
116 5.8 3.6 5.4

Manual Integrations

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Supervised By :mohammad ahmed 09/26/2024



#41

2,4,6-Trichlorophenol

Concen: 68.022 ng/ul m

RT: 12.996 min Scan# 1686

Delta R.T. 0.078 min

Lab File: BG063013.D

Acq: 24 Sep 2024 5:00

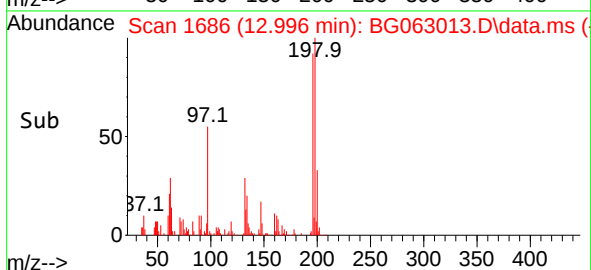
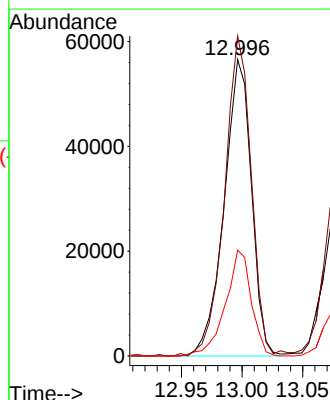
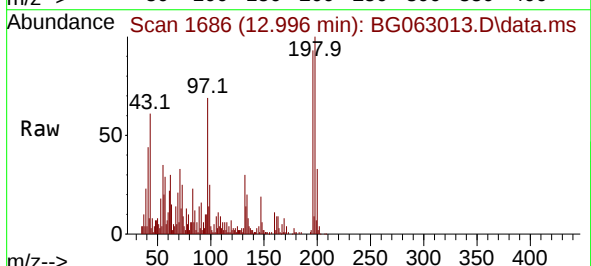
Tgt Ion:196 Resp: 88617

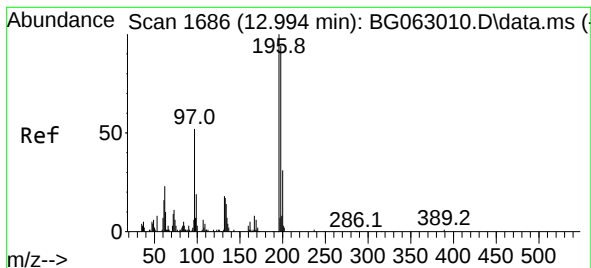
Ion Ratio Lower Upper

196 100

198 107.9 81.8 122.6

200 35.7 30.5 45.7





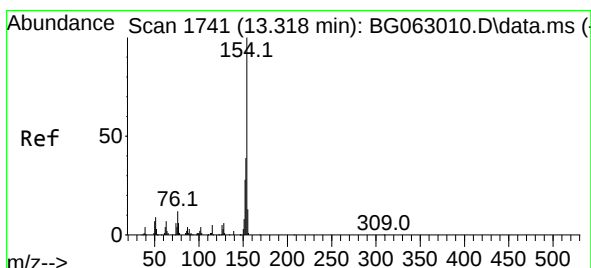
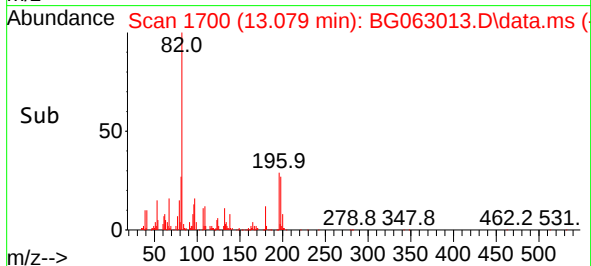
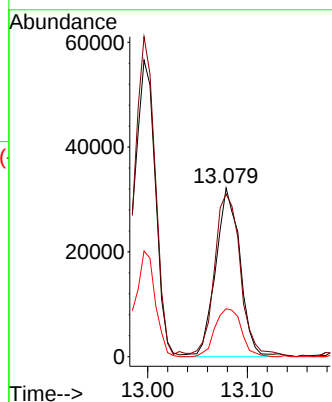
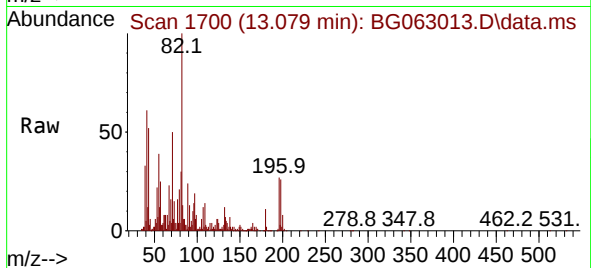
#42
2,4,5-Trichlorophenol
Concen: 40.080 ng/ul m
RT: 13.079 min Scan# 1
Delta R.T. 0.084 min
Lab File: BG063013.D
Acq: 24 Sep 2024 5:00

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Tgt Ion:196 Resp: 5485
Ion Ratio Lower Upper
196 100
198 96.5 75.5 113.3
200 28.5 25.5 38.3

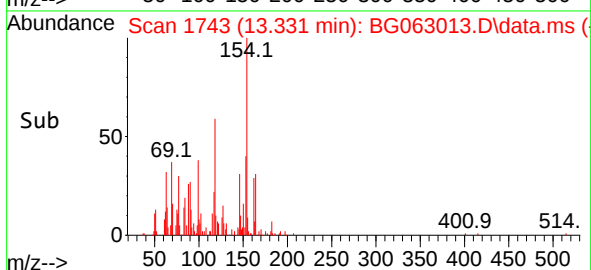
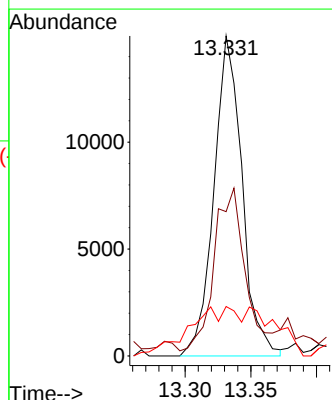
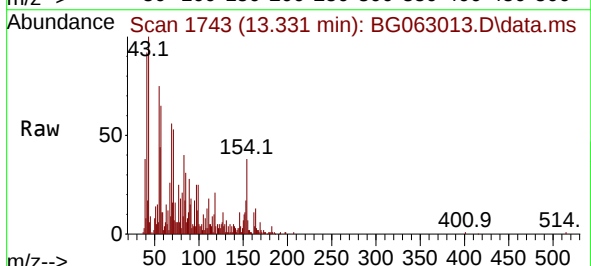
Manual Integrations
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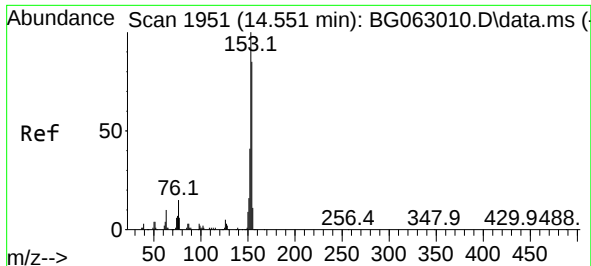
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#43
1,1'-Biphenyl
Concen: 5.092 ng/ul
RT: 13.331 min Scan# 1743
Delta R.T. 0.013 min
Lab File: BG063013.D
Acq: 24 Sep 2024 5:00

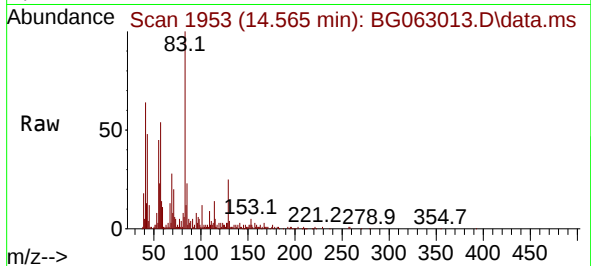
Tgt Ion:154 Resp: 22314
Ion Ratio Lower Upper
154 100
153 45.1 30.3 45.5
76 15.5 11.9 17.9





#52
Acenaphthene
Concen: 1.430 ng/ul
RT: 14.565 min Scan# 1953
Delta R.T. 0.013 min
Lab File: BG063013.D
Acq: 24 Sep 2024 5:00

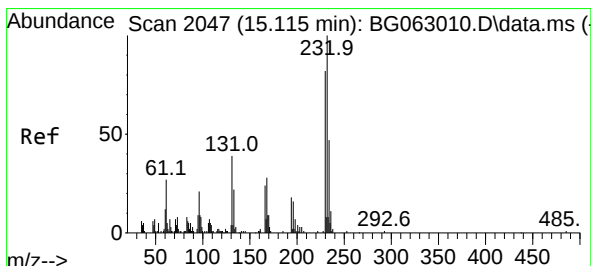
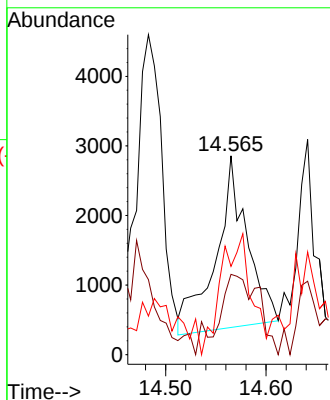
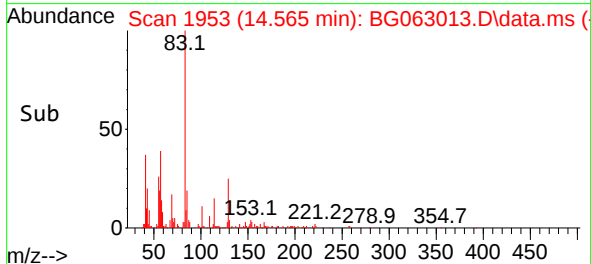
Instrument :
BNA_G
ClientSampleId :
DDCJ4



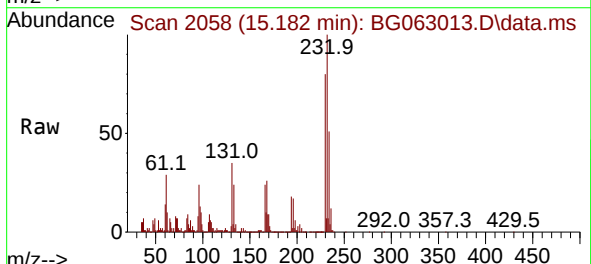
Tgt Ion:153 Resp: 535
Ion Ratio Lower Upper
153 100
152 40.4 35.8 53.8
154 44.4 69.5 104.3

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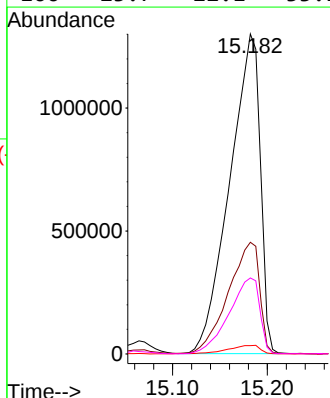
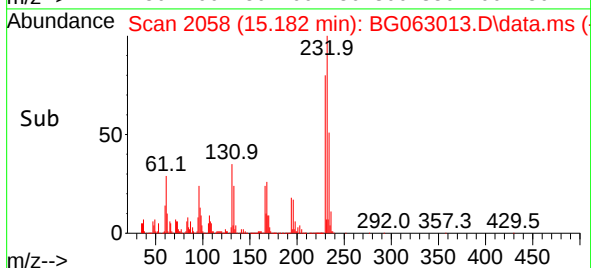
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

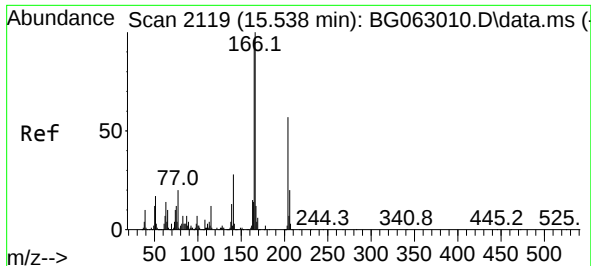


#58
2,3,4,6-Tetrachlorophenol
Concen: 2361.969 ng/ul
RT: 15.182 min Scan# 2058
Delta R.T. 0.066 min
Lab File: BG063013.D
Acq: 24 Sep 2024 5:00



Tgt Ion:232 Resp: 2909032
Ion Ratio Lower Upper
232 100
131 34.9 31.9 47.9
130 2.6 1.9 2.9
166 23.7 22.1 33.1





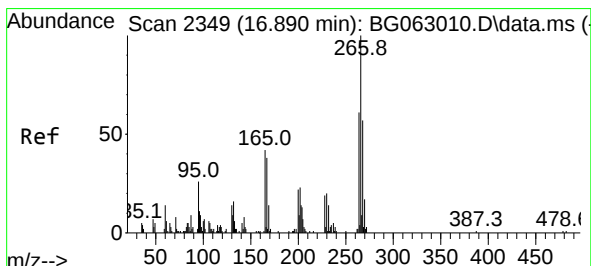
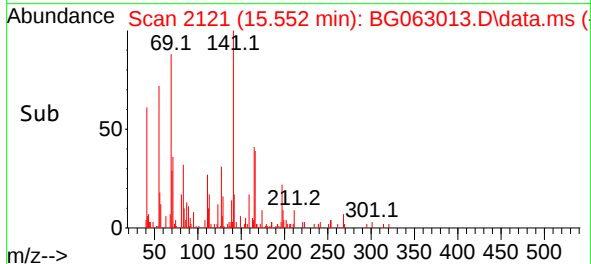
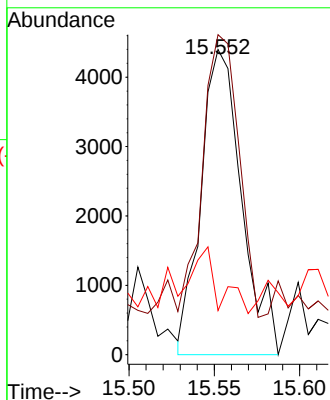
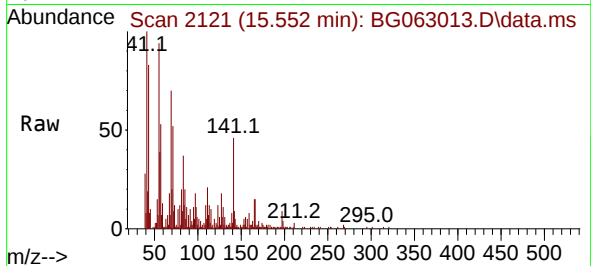
#61
Fluorene
Concen: 1.722 ng/ul
RT: 15.552 min Scan# 2119
Delta R.T. 0.013 min
Lab File: BG063013.D
Acq: 24 Sep 2024 5:00

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Tgt Ion:166 Resp: 732
Ion Ratio Lower Upper
166 100
165 104.9 77.2 115.8
167 14.5 10.8 16.2

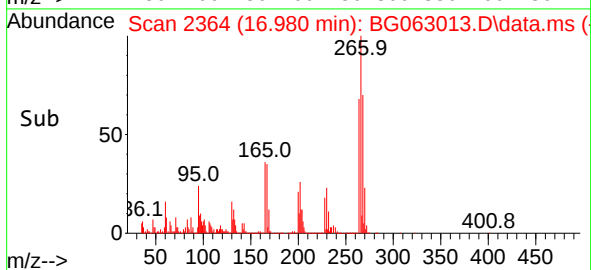
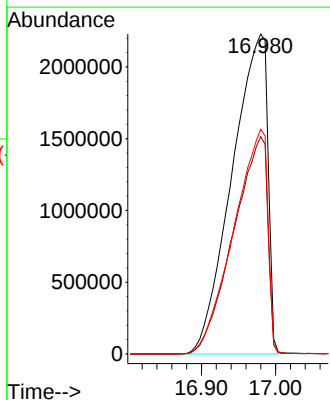
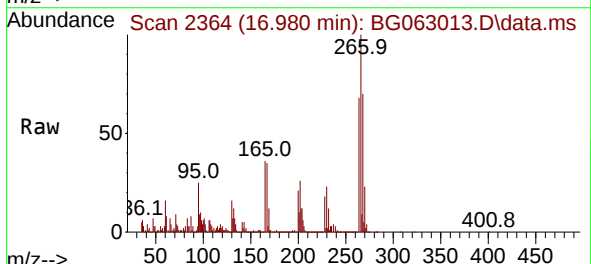
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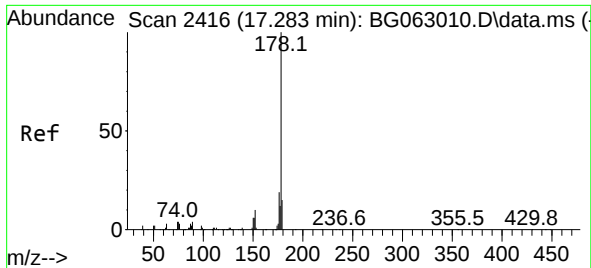
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#71
Pentachlorophenol
Concen: 7809.375 ng/ul
RT: 16.980 min Scan# 2364
Delta R.T. 0.090 min
Lab File: BG063013.D
Acq: 24 Sep 2024 5:00

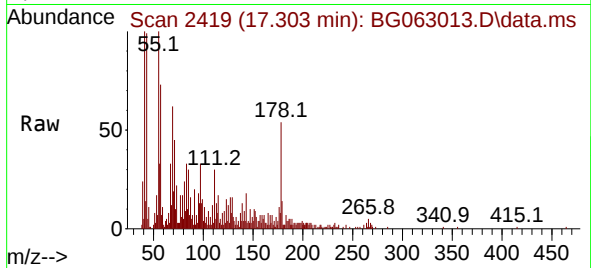
Tgt Ion:266 Resp: 7456842
Ion Ratio Lower Upper
266 100
264 67.9 43.0 64.4#
268 70.2 47.2 70.8





#72
 Phenanthrene
 Concen: 2.317 ng/ul
 RT: 17.303 min Scan# 2419
 Delta R.T. 0.025 min
 Lab File: BG063013.D
 Acq: 24 Sep 2024 5:00

Instrument :
 BNA_G
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.3	12.3	18.5
176	20.7	15.5	23.3

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