

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063014.D
 Acq On : 24 Sep 2024 5:40
 Operator : RC/JU
 Sample : P3879-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC18

Manual Integrations
 APPROVED

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

Quant Time: Sep 24 07:58:06 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	7.856	152	23335	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.647	136	102841	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.495	164	83778	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	183814	20.000	ng/ul	# 0.03
79) Chrysene-d12	21.487	240	204846	20.000	ng/ul	# 0.00
88) Perylene-d12	24.531	264	232510	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	3272	4.107	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.051	99	26093	10.776	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.186	67	45401	33.506	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	53881	33.893	ng/ul	0.01
15) 4-Methylphenol-d8	8.579	113	46825	26.398	ng/ul	0.01
21) Nitrobenzene-d5	9.008	128	30107	36.747	ng/ul	0.00
24) 2-Nitrophenol-d4	9.730	143	37525	40.372	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.283	165	72439	37.563	ng/ul	0.01
31) 4-Chloroaniline-d4	10.764	131	13311	5.546	ng/ul	-0.02
46) Dimethylphthalate-d6	13.902	166	237129	38.062	ng/ul	0.00
49) Acenaphthylene-d8	14.190	160	226752	32.588	ng/ul	0.00
54) 4-Nitrophenol-d4	14.719	143	13730	13.753	ng/ul	0.03
60) Fluorene-d10	15.488	176	213010	36.720	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.612	200	59928	53.933	ng/ul	0.00
73) Anthracene-d10	17.357	188	331470	38.156	ng/ul	0.02
81) Pyrene-d10	19.636	212	437135	35.233	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.325	264	456072	37.194	ng/ul	0.01
Target Compounds						
					Qvalue	
23) Isophorone	9.572	82	54247	11.199	ng/ul#	92
30) Naphthalene	10.700	128	199321	34.906	ng/ul#	91
36) 2-Methylnaphthalene	12.310	142	154669	37.588	ng/ul	91
37) 1-Methylnaphthalene	12.527	142	89360	21.458	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.938	196	19247	10.403	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.015	196	7787	4.006	ng/ul	94
43) 1,1'-Biphenyl	13.320	154	20331	3.267	ng/ul#	81
52) Acenaphthene	14.554	153	9147m	1.719	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.148	232	1846424	1055.633	ng/ul#	97
61) Fluorene	15.541	166	12135	2.010	ng/ul#	93
71) Pentachlorophenol	16.981	266	10636521	7905.629	ng/ul#	74
72) Phenanthrene	17.298	178	33639	3.445	ng/ul#	96

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

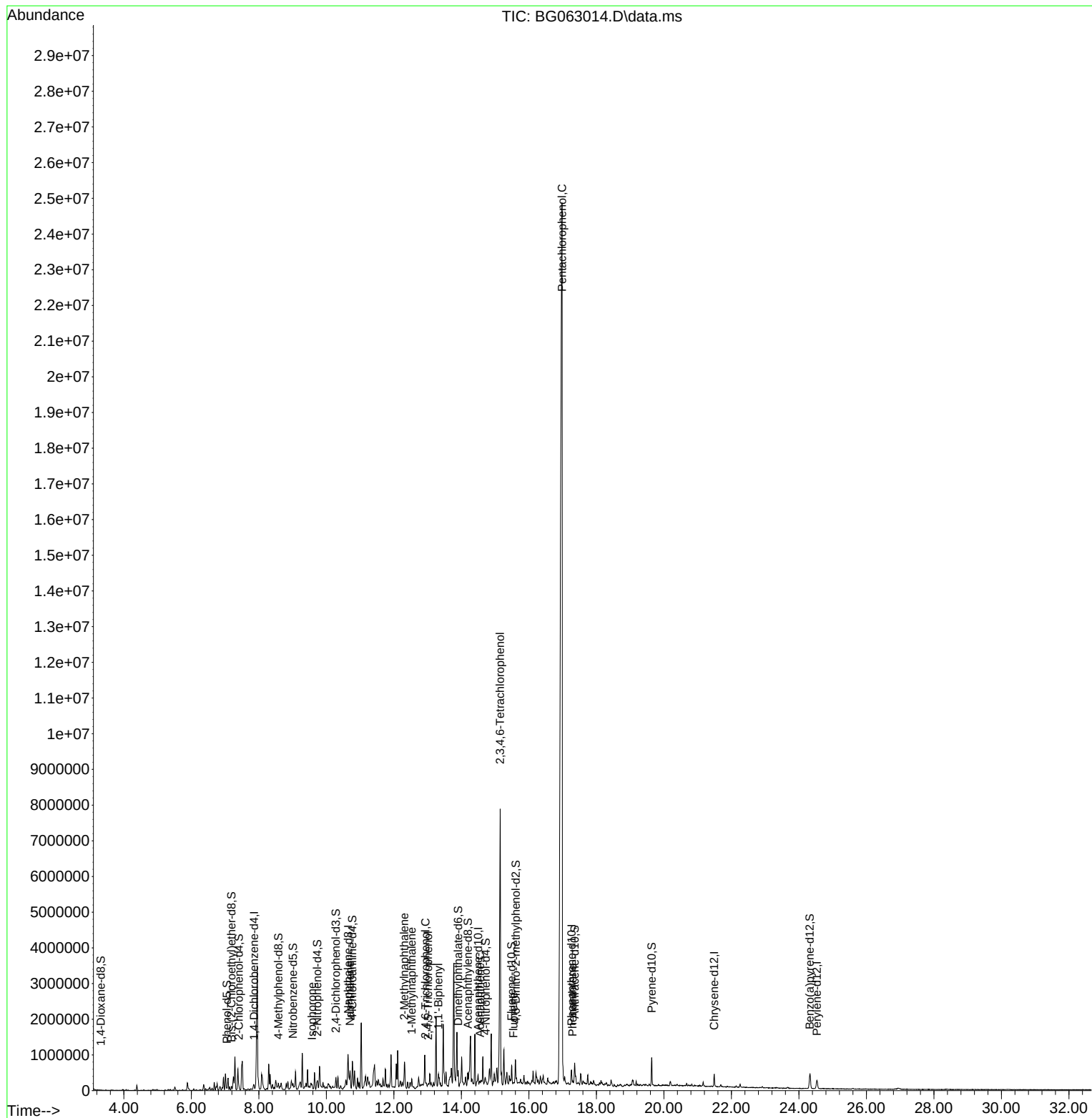
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063014.D
Acq On : 24 Sep 2024 5:40
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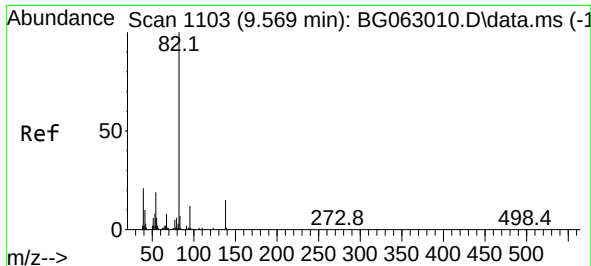
Instrument :
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ClientSampleId :
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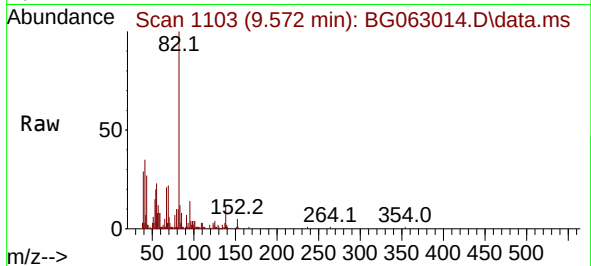
Quant Time: Sep 24 07:58:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
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#23
Isophorone
Concen: 11.199 ng/u1
RT: 9.572 min Scan# 1103
Delta R.T. 0.002 min
Lab File: BG063014.D
Acq: 24 Sep 2024 5:40

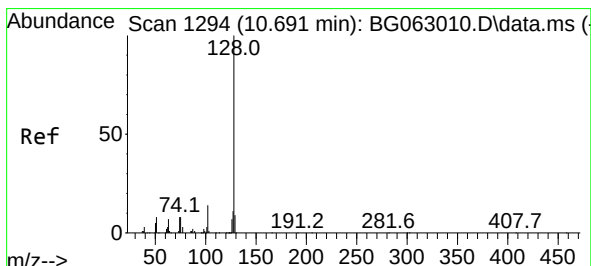
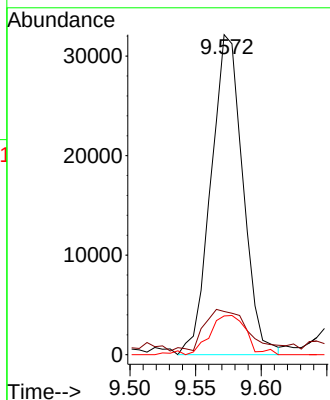
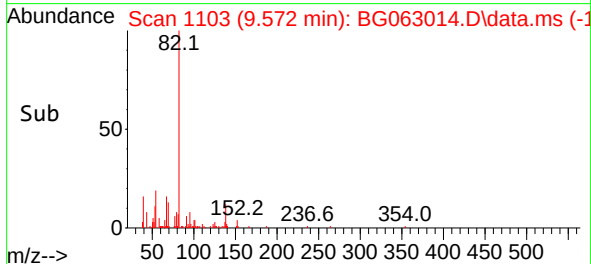
Instrument :
BNA_G
ClientSampleId :
DDC18



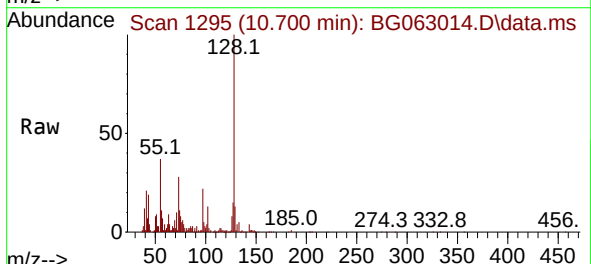
Tgt Ion: 82 Resp: 5424
Ion Ratio Lower Upper
82 100
95 13.5 6.2 9.4#
138 12.1 10.9 16.3

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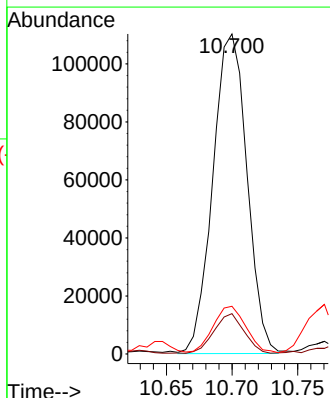
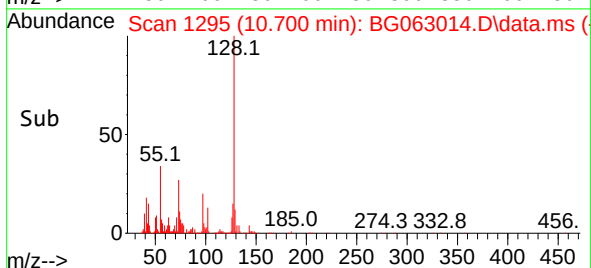
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

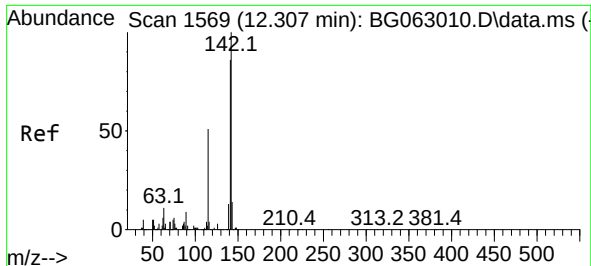


#30
Naphthalene
Concen: 34.906 ng/u1
RT: 10.700 min Scan# 1295
Delta R.T. 0.002 min
Lab File: BG063014.D
Acq: 24 Sep 2024 5:40



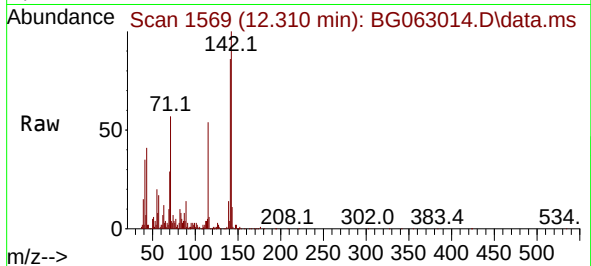
Tgt Ion:128 Resp: 199321
Ion Ratio Lower Upper
128 100
129 12.6 7.1 10.7#
127 14.9 9.4 14.2#





#36
2-Methylnaphthalene
Concen: 37.588 ng/ul
RT: 12.310 min Scan# 1569
Delta R.T. 0.002 min
Lab File: BG063014.D
Acq: 24 Sep 2024 5:40

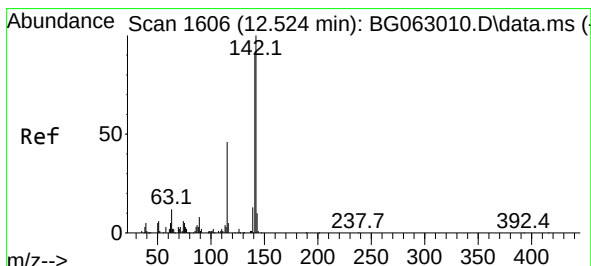
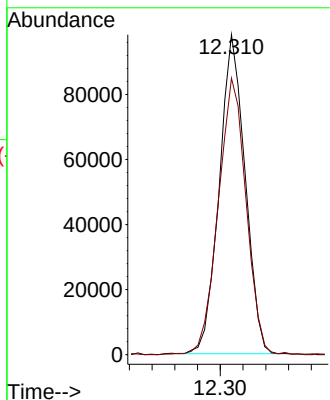
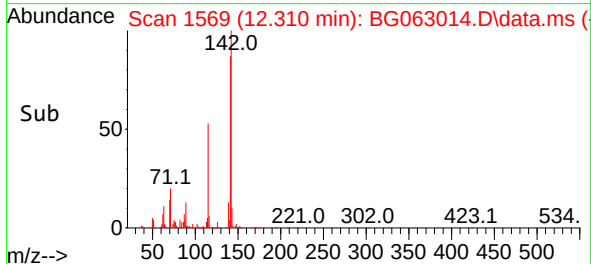
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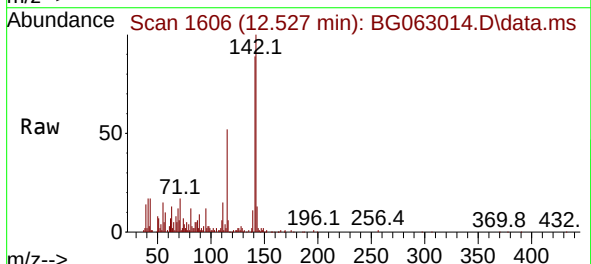
Tgt Ion:142 Resp: 154669
Ion Ratio Lower Upper
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141 86.4 76.5 114.7

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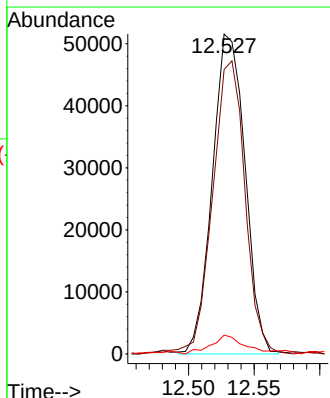
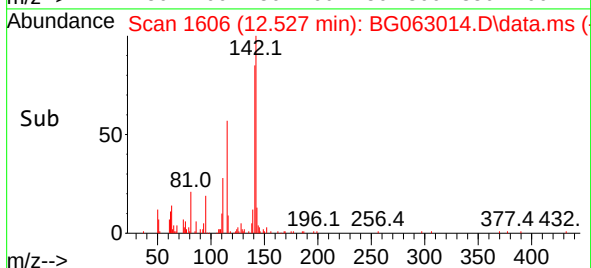
Reviewed By :Yogesh Patel 09/25/2024
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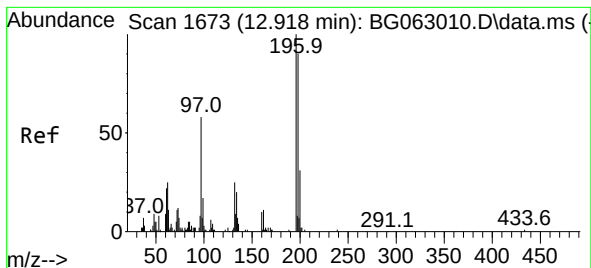


#37
1-Methylnaphthalene
Concen: 21.458 ng/ul
RT: 12.527 min Scan# 1606
Delta R.T. 0.002 min
Lab File: BG063014.D
Acq: 24 Sep 2024 5:40



Tgt Ion:142 Resp: 89360
Ion Ratio Lower Upper
142 100
141 88.9 74.1 111.1
116 5.9 3.6 5.4#





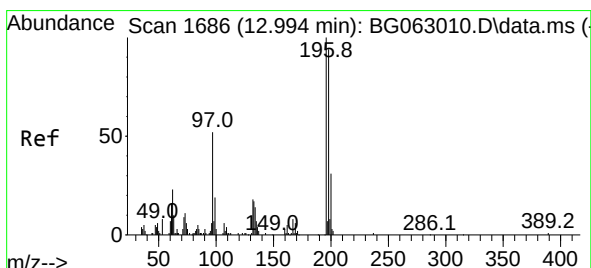
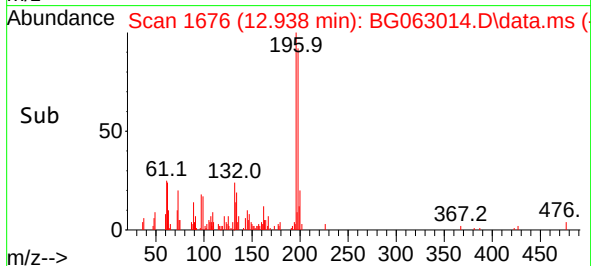
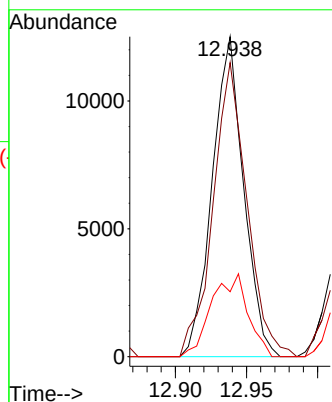
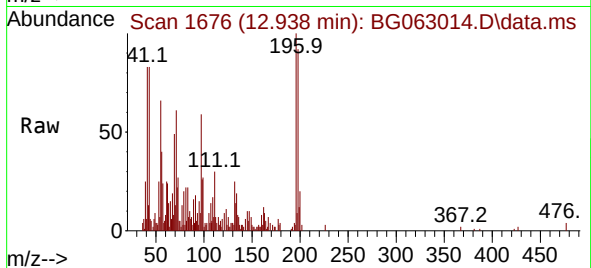
#41
2,4,6-Trichlorophenol
Concen: 10.403 ng/ul
RT: 12.938 min Scan# 1673
Delta R.T. 0.020 min
Lab File: BG063014.D
Acq: 24 Sep 2024 5:40

Instrument :
BNA_G
ClientSampleId :
DDC18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.9	81.8	122.6
200	20.3	30.5	45.7

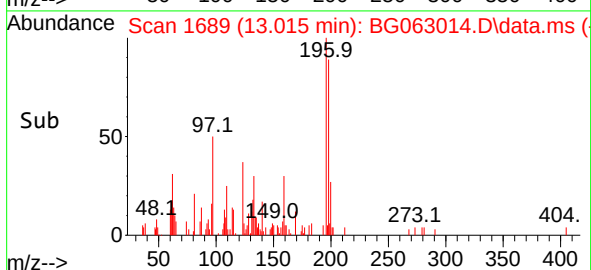
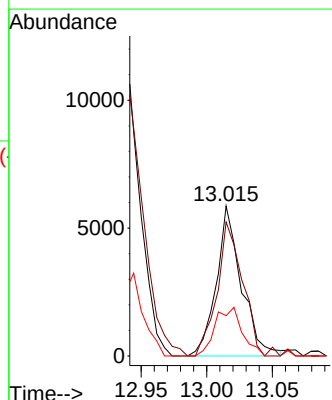
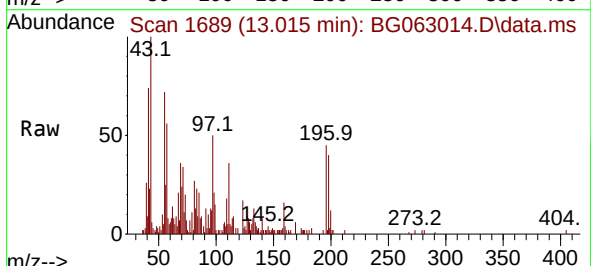
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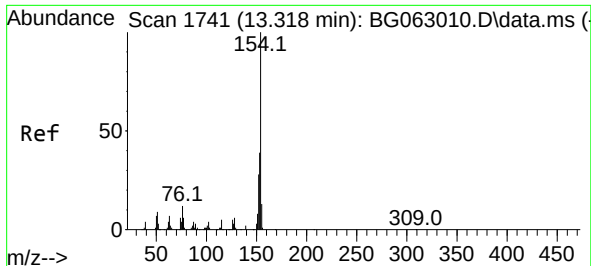
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#42
2,4,5-Trichlorophenol
Concen: 4.006 ng/ul
RT: 13.015 min Scan# 1689
Delta R.T. 0.020 min
Lab File: BG063014.D
Acq: 24 Sep 2024 5:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.3	75.5	113.3
200	26.9	25.5	38.3





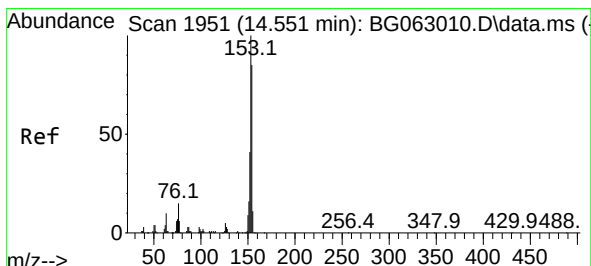
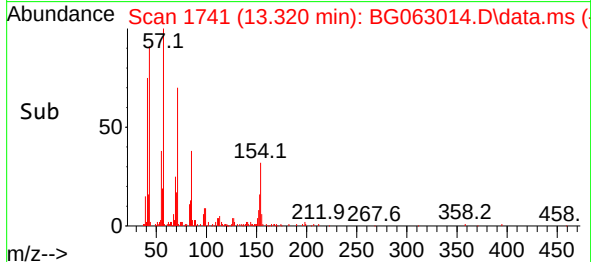
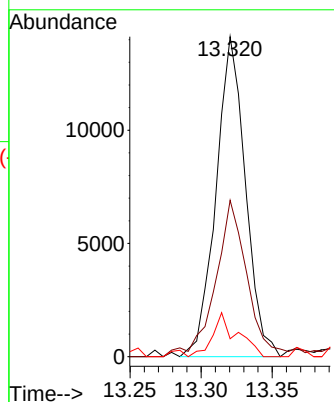
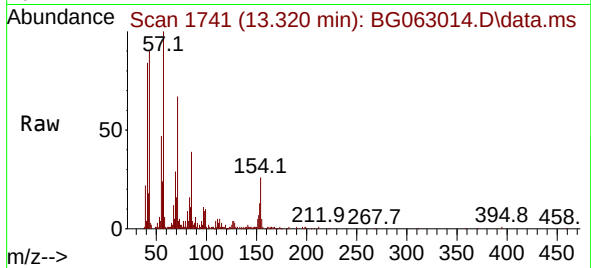
#43
1,1'-Biphenyl
Concen: 3.267 ng/ul
RT: 13.320 min Scan# 1741
Delta R.T. 0.002 min
Lab File: BG063014.D
Acq: 24 Sep 2024 5:40

Instrument :
BNA_G
ClientSampleId :
DDC18

Tgt Ion:154 Resp: 2033
Ion Ratio Lower Upper
154 100
153 48.9 30.3 45.5
76 5.6 11.9 17.9

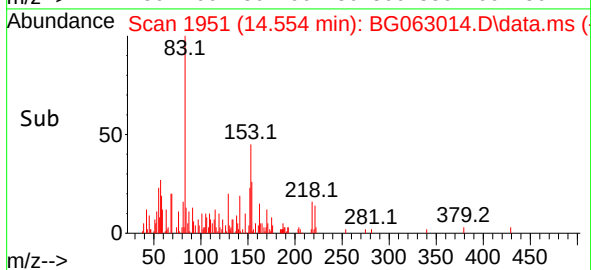
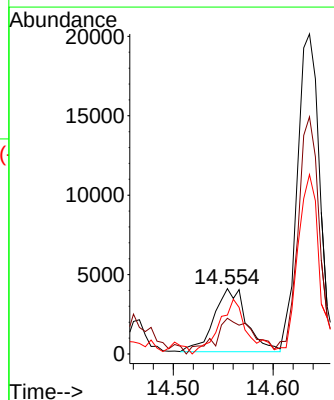
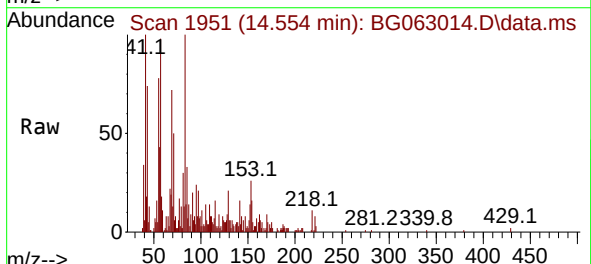
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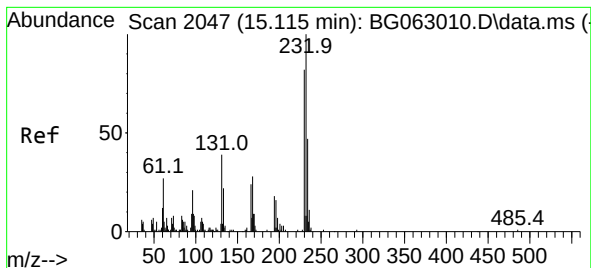
Reviewed By :Yogesh Patel 09/25/2024
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#52
Acenaphthene
Concen: 1.719 ng/ul m
RT: 14.554 min Scan# 1951
Delta R.T. 0.002 min
Lab File: BG063014.D
Acq: 24 Sep 2024 5:40

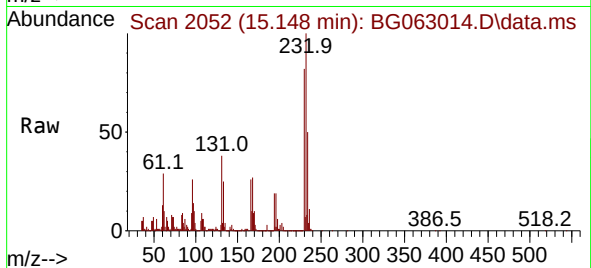
Tgt Ion:153 Resp: 9147
Ion Ratio Lower Upper
153 100
152 54.6 35.8 53.8#
154 59.6 69.5 104.3#





#58
2,3,4,6-Tetrachlorophenol
Concen: 1055.633 ng/ul
RT: 15.148 min Scan# 2047
Delta R.T. 0.032 min
Lab File: BG063014.D
Acq: 24 Sep 2024 5:40

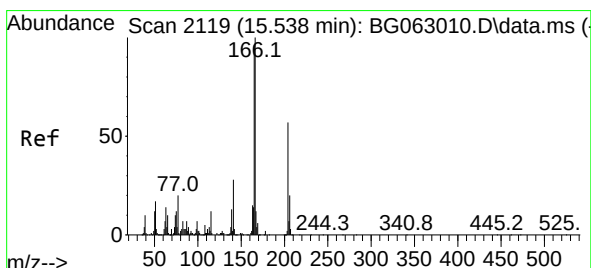
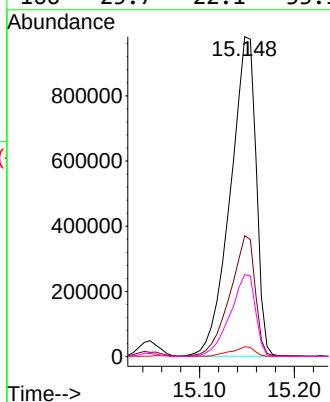
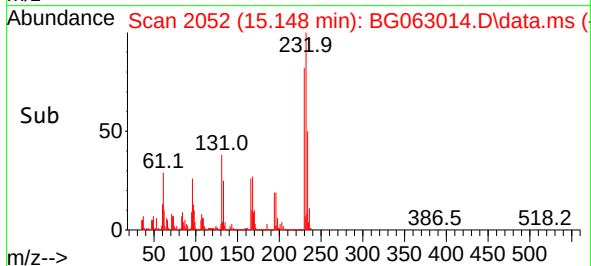
Instrument :
BNA_G
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DDC18



Tgt Ion:232 Resp: 1846424
Ion Ratio Lower Upper
232 100
131 37.8 31.9 47.9
130 3.1 1.9 2.9
166 25.7 22.1 33.1

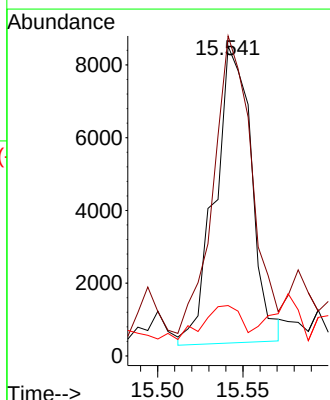
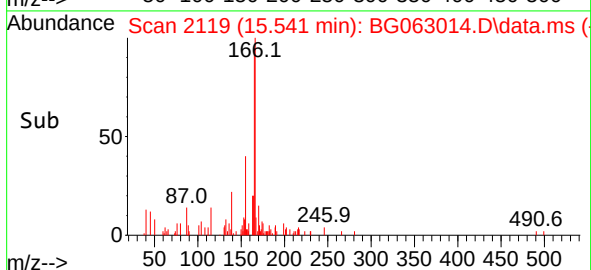
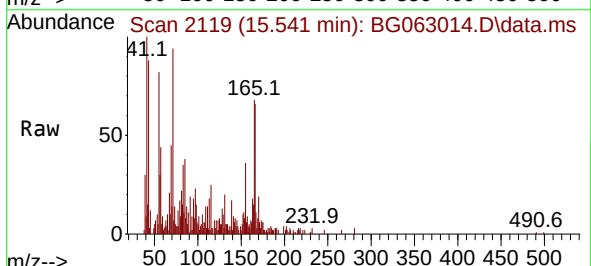
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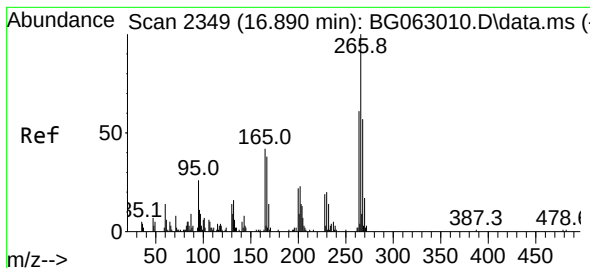
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#61
Fluorene
Concen: 2.010 ng/ul
RT: 15.541 min Scan# 2119
Delta R.T. 0.002 min
Lab File: BG063014.D
Acq: 24 Sep 2024 5:40

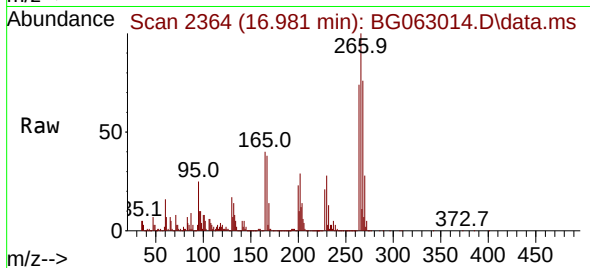
Tgt Ion:166 Resp: 12135
Ion Ratio Lower Upper
166 100
165 103.3 77.2 115.8
167 16.3 10.8 16.2#





#71
 Pentachlorophenol
 Concen: 7905.629 ng/ul
 RT: 16.981 min Scan# 21
 Delta R.T. 0.091 min
 Lab File: BG063014.D
 Acq: 24 Sep 2024 5:40

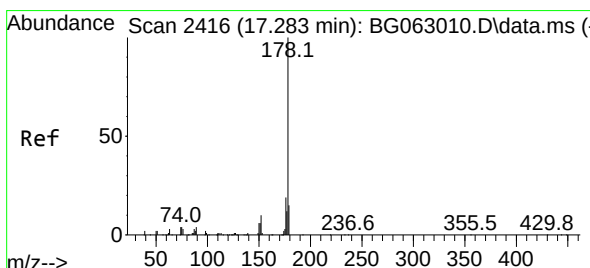
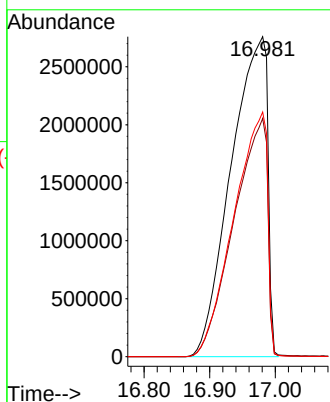
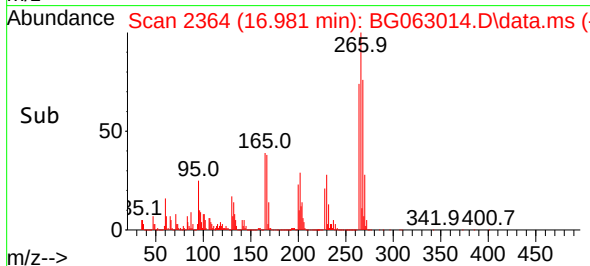
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Tgt Ion:266 Resp:1063652
 Ion Ratio Lower Upper
 266 100
 264 74.4 43.0 64.4
 268 76.4 47.2 70.8

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#72
 Phenanthrene
 Concen: 3.445 ng/ul
 RT: 17.298 min Scan# 2418
 Delta R.T. 0.020 min
 Lab File: BG063014.D
 Acq: 24 Sep 2024 5:40

Tgt Ion:178 Resp: 33639
 Ion Ratio Lower Upper
 178 100
 179 19.3 12.3 18.5
 176 19.4 15.5 23.3

