

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063020.D
 Acq On : 24 Sep 2024 9:35
 Operator : RC/JU
 Sample : P3879-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC46

Manual Integrations
 APPROVED

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

Quant Time: Sep 24 11:25:33 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	22384	20.000	ng/ul	0.00
20) Naphthalene-d8	10.652	136	69391	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.495	164	76147	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.256	188	174203	20.000	ng/ul	# 0.02
79) Chrysene-d12	21.486	240	196205	20.000	ng/ul	# 0.00
88) Perylene-d12	24.530	264	235958	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	2566m	3.358	ng/uL	0.00
4) Pyridine-d5	3.731	84	16127	7.773	ng/ul	0.00
7) Phenol-d5	7.091	99	27756m	11.950	ng/ul	0.06
9) Bis-(2-Chloroethyl)eth...	7.191	67	44466	34.210	ng/ul	0.00
11) 2-Chlorophenol-d4	7.426	132	56278	36.905	ng/ul	0.04
15) 4-Methylphenol-d8	8.596	113	45078	26.493	ng/ul	0.03
21) Nitrobenzene-d5	9.019	128	32800	59.332	ng/ul	0.01
24) 2-Nitrophenol-d4	9.735	143	35864	57.185	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.294	165	77308	59.412	ng/ul	0.03
31) 4-Chloroaniline-d4	10.764	131	10754	6.641	ng/ul	-0.02
46) Dimethylphthalate-d6	13.907	166	220939	39.018	ng/ul	0.01
49) Acenaphthylene-d8	14.189	160	249966	39.524	ng/ul	0.00
54) 4-Nitrophenol-d4	14.724	143	12604	13.890	ng/ul	0.03
60) Fluorene-d10	15.493	176	214654	40.712	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.611	200	45828	43.519	ng/ul	0.00
73) Anthracene-d10	17.350	188	334228	40.596	ng/ul	0.01
81) Pyrene-d10	19.636	212	464971	39.127	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.324	264	507978	40.821	ng/ul	0.01
Target Compounds						
					Qvalue	
23) Isophorone	9.583	82	150765	46.128	ng/ul#	93
30) Naphthalene	10.705	128	298201	77.396	ng/ul#	95
36) 2-Methylnaphthalene	12.315	142	260785	93.926	ng/ul	93
37) 1-Methylnaphthalene	12.532	142	163909	58.333	ng/ul	97
41) 2,4,6-Trichlorophenol	12.938	196	19892	11.829	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.020	196	42273	23.928	ng/ul	99
43) 1,1'-Biphenyl	13.319	154	16874	2.983	ng/ul#	61
52) Acenaphthene	14.559	153	11745	2.429	ng/ul	97
56) Dibenzofuran	14.894	168	8819	1.230	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.158	232	3032264	1907.330	ng/ul#	98
61) Fluorene	15.546	166	16376	2.984	ng/ul	91
71) Pentachlorophenol	16.968	266	8401492m	6588.950	ng/ul	
72) Phenanthrene	17.291	178	40347	4.360	ng/ul	98

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

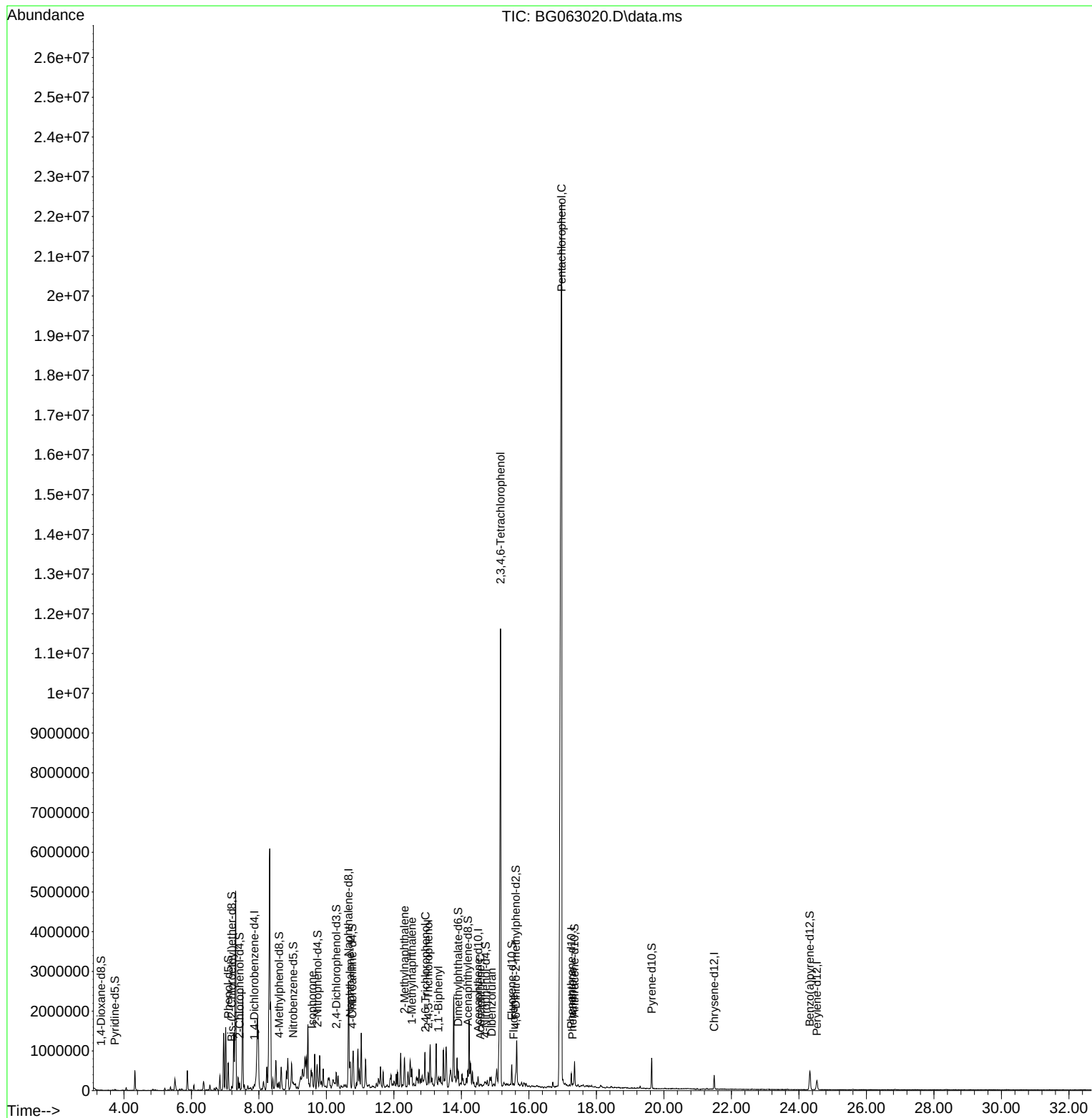
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063020.D
Acq On : 24 Sep 2024 9:35
Operator : RC/JU
Sample : P3879-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

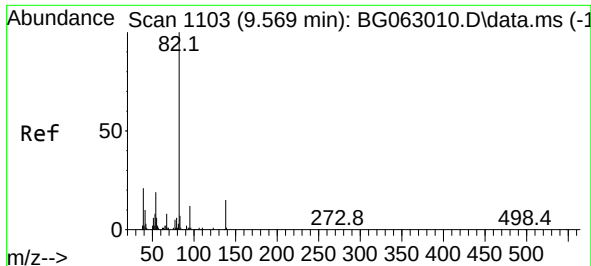
Instrument :
BNA_G
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DDC46

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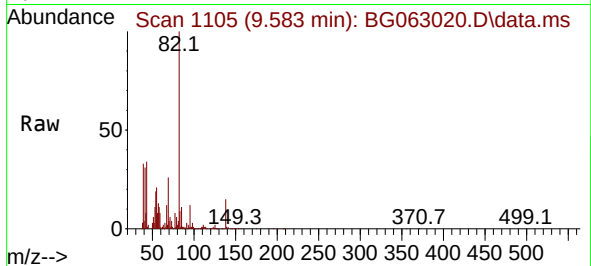
Quant Time: Sep 24 11:25:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
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#23
Isophorone
Concen: 46.128 ng/u1
RT: 9.583 min Scan# 1105
Delta R.T. 0.013 min
Lab File: BG063020.D
Acq: 24 Sep 2024 9:35

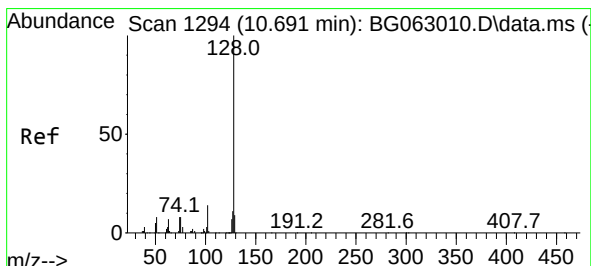
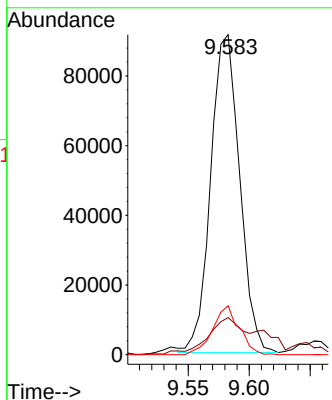
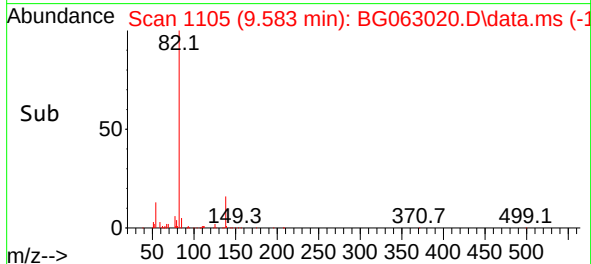
Instrument :
BNA_G
ClientSampleId :
DDC46



Tgt Ion: 82 Resp: 15076
Ion Ratio Lower Upper
82 100
95 11.6 6.2 9.4
138 15.3 10.9 16.3

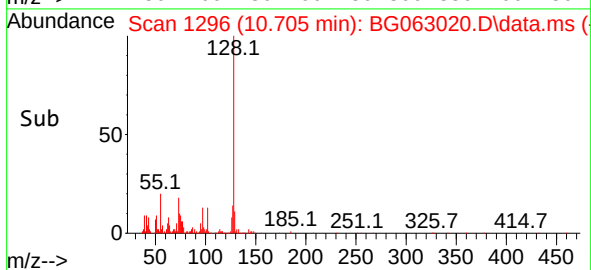
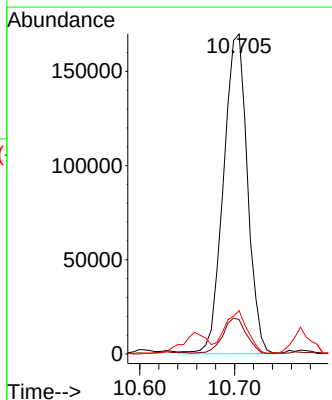
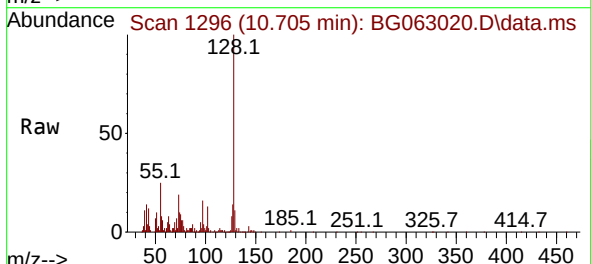
Manual Integrations
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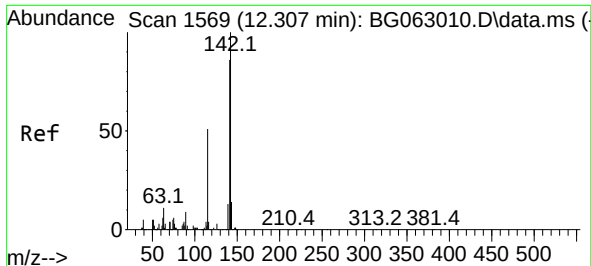
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#30
Naphthalene
Concen: 77.396 ng/u1
RT: 10.705 min Scan# 1296
Delta R.T. 0.007 min
Lab File: BG063020.D
Acq: 24 Sep 2024 9:35

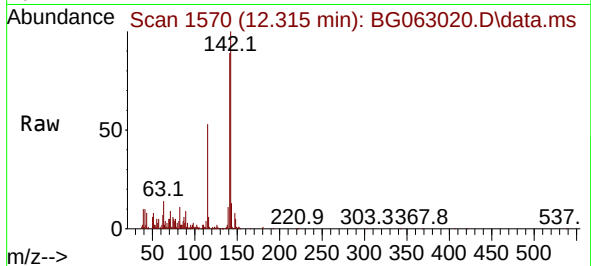
Tgt Ion:128 Resp: 298201
Ion Ratio Lower Upper
128 100
129 10.7 7.1 10.7#
127 13.5 9.4 14.2





#36
2-Methylnaphthalene
Concen: 93.926 ng/ul
RT: 12.315 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG063020.D
Acq: 24 Sep 2024 9:35

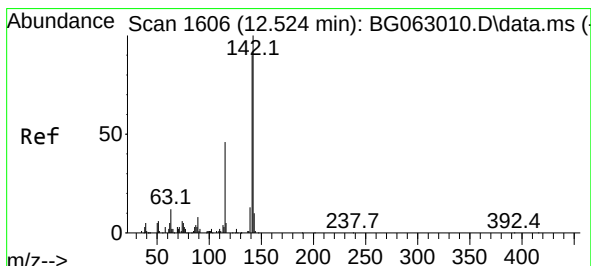
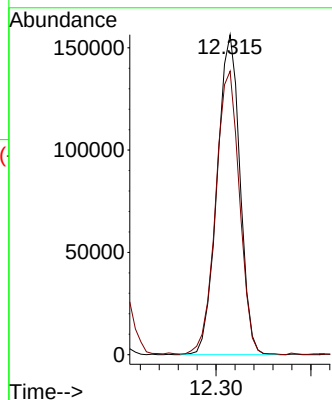
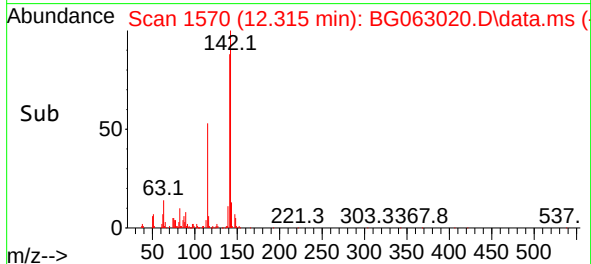
Instrument :
BNA_G
ClientSampleId :
DDC46



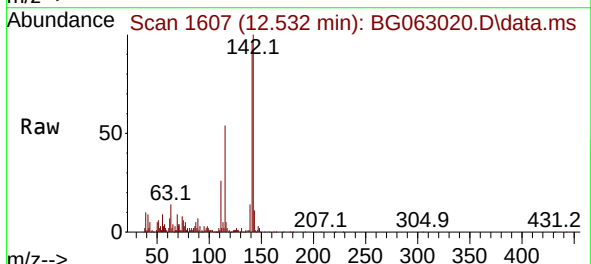
Tgt Ion:142 Resp: 26078
Ion Ratio Lower Upper
142 100
141 88.6 76.5 114.7

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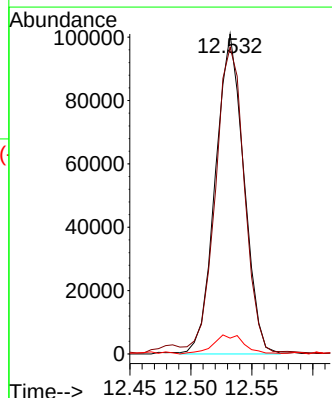
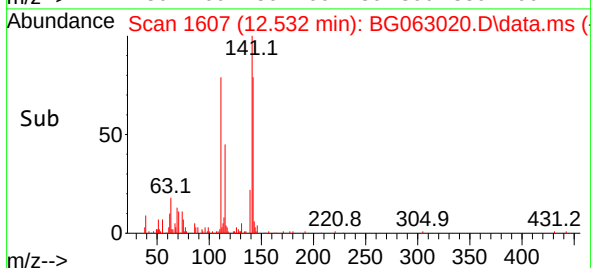
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

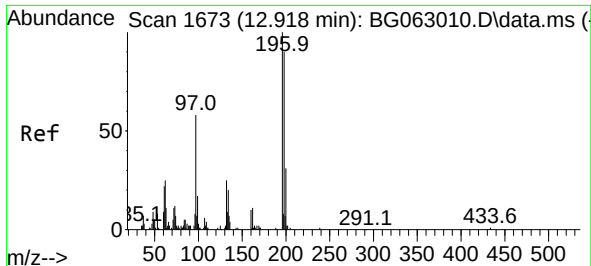


#37
1-Methylnaphthalene
Concen: 58.333 ng/ul
RT: 12.532 min Scan# 1607
Delta R.T. 0.007 min
Lab File: BG063020.D
Acq: 24 Sep 2024 9:35



Tgt Ion:142 Resp: 163909
Ion Ratio Lower Upper
142 100
141 95.8 74.1 111.1
116 4.9 3.6 5.4





#41

2,4,6-Trichlorophenol

Concen: 11.829 ng/ul

RT: 12.938 min Scan# 1

Delta R.T. 0.019 min

Lab File: BG063020.D

Acq: 24 Sep 2024 9:35

Instrument :

BNA_G

ClientSampleId :

DDC46

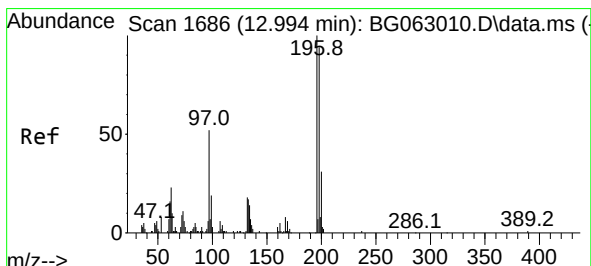
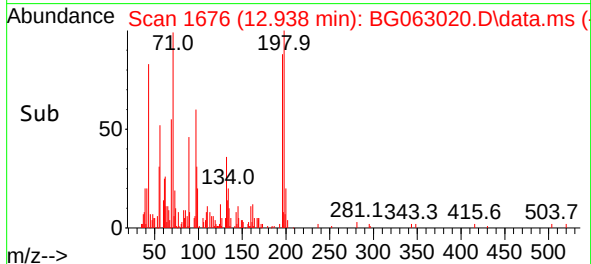
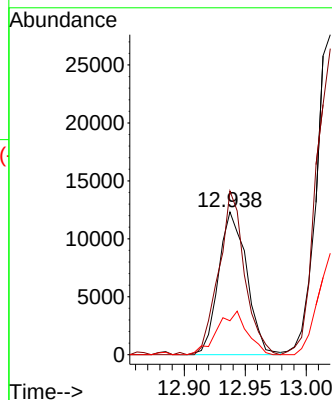
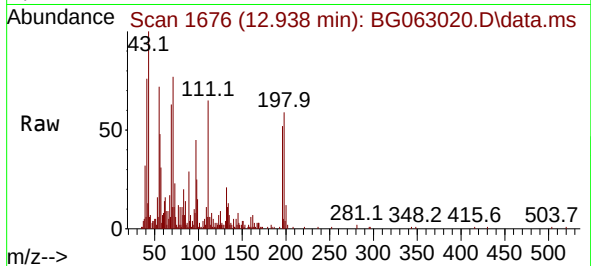
Tgt Ion:196	Resp:	1989
Ion Ratio	Lower	Upper
196	100	
198	114.7	81.8 122.6
200	23.7	30.5 45.7

Manual Integrations

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#42

2,4,5-Trichlorophenol

Concen: 23.928 ng/ul

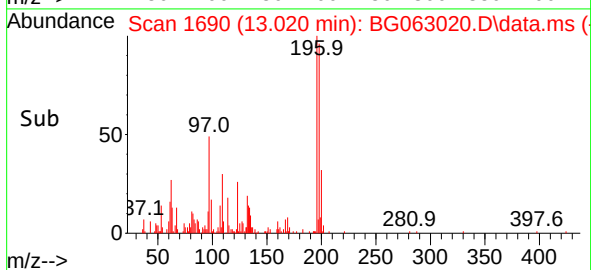
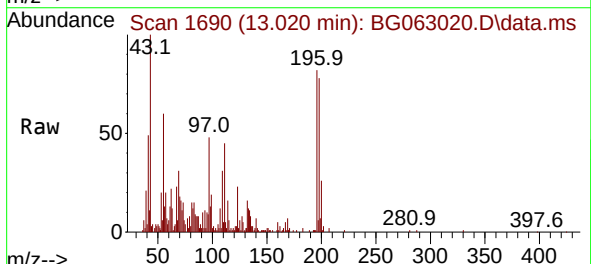
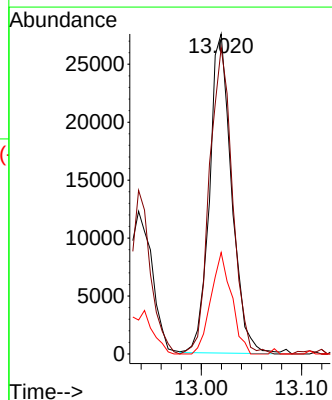
RT: 13.020 min Scan# 1690

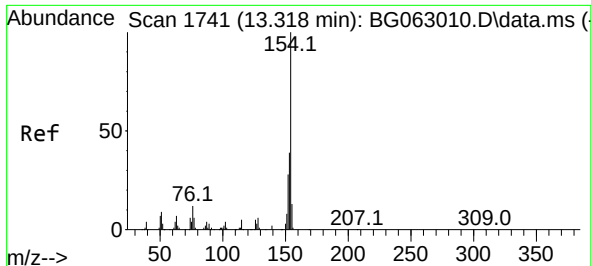
Delta R.T. 0.025 min

Lab File: BG063020.D

Acq: 24 Sep 2024 9:35

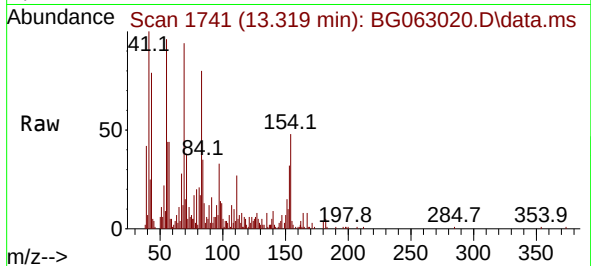
Tgt Ion:196	Resp:	42273
Ion Ratio	Lower	Upper
196	100	
198	95.7	75.5 113.3
200	31.7	25.5 38.3





#43
1,1'-Biphenyl
Concen: 2.983 ng/ul
RT: 13.319 min Scan# 1741
Delta R.T. 0.002 min
Lab File: BG063020.D
Acq: 24 Sep 2024 9:35

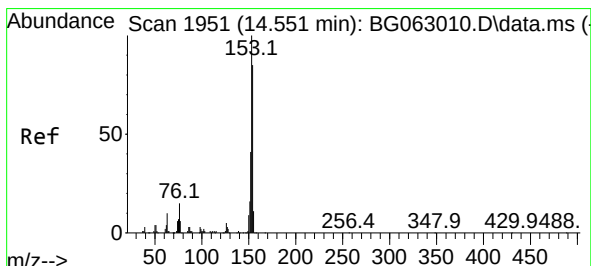
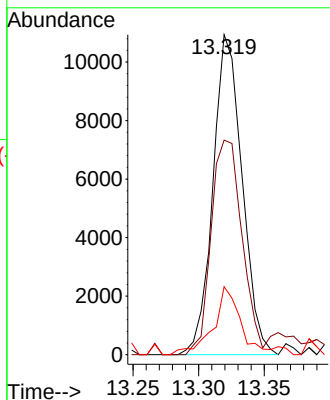
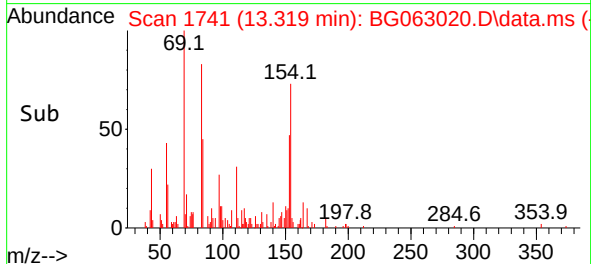
Instrument :
BNA_G
ClientSampleId :
DDC46



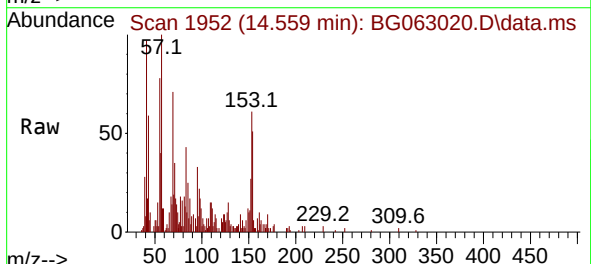
Tgt Ion:154 Resp: 16874
Ion Ratio Lower Upper
154 100
153 67.1 30.3 45.5
76 21.2 11.9 17.9

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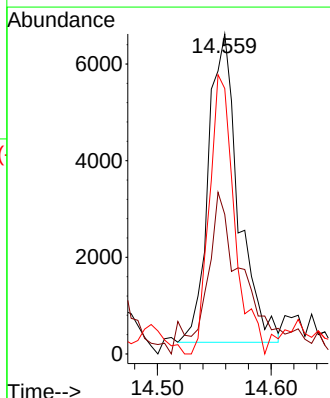
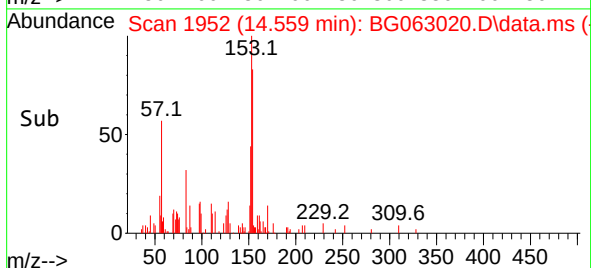
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

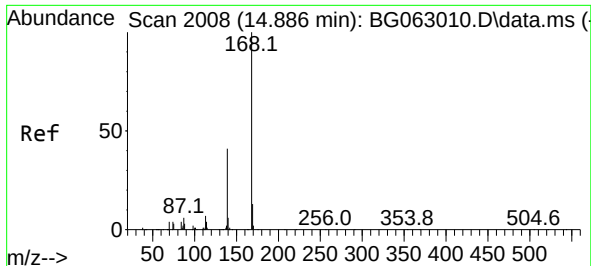


#52
Acenaphthene
Concen: 2.429 ng/ul
RT: 14.559 min Scan# 1952
Delta R.T. 0.007 min
Lab File: BG063020.D
Acq: 24 Sep 2024 9:35



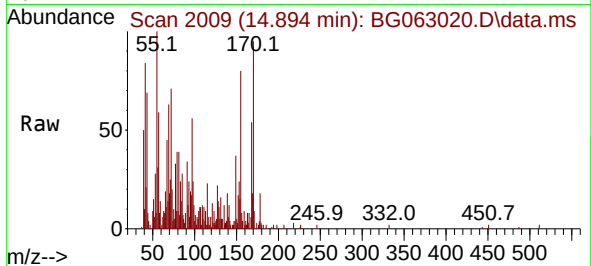
Tgt Ion:153 Resp: 11745
Ion Ratio Lower Upper
153 100
152 43.6 35.8 53.8
154 83.0 69.5 104.3





#56
Dibenzenofuran
Concen: 1.230 ng/ul
RT: 14.894 min Scan# 2009
Delta R.T. 0.007 min
Lab File: BG063020.D
Acq: 24 Sep 2024 9:35

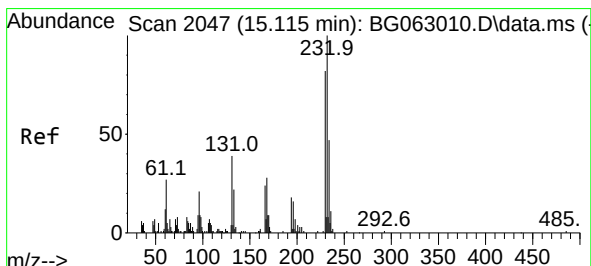
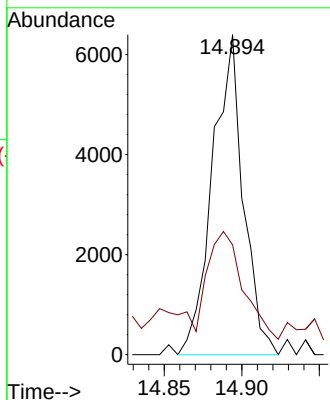
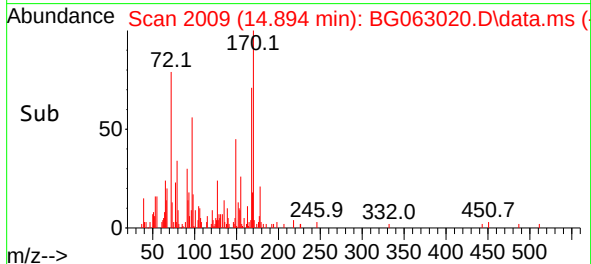
Instrument :
BNA_G
ClientSampleId :
DDC46



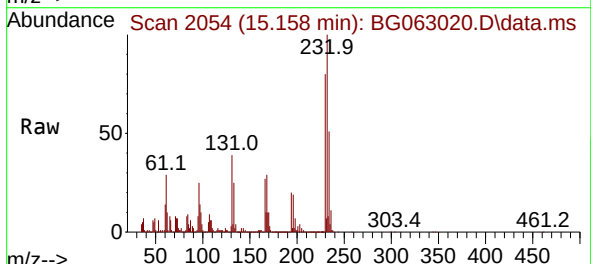
Tgt Ion:168 Resp: 8819
Ion Ratio Lower Upper
168 100
139 34.3 28.2 42.4

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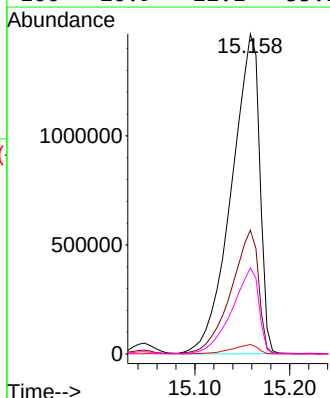
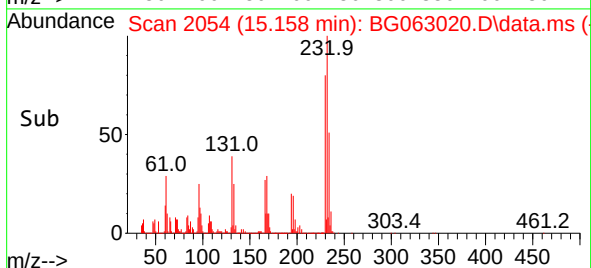
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

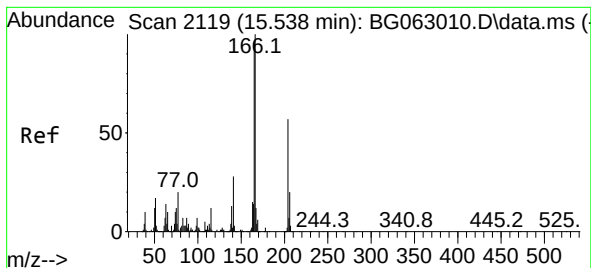


#58
2,3,4,6-Tetrachlorophenol
Concen: 1907.330 ng/ul
RT: 15.158 min Scan# 2054
Delta R.T. 0.043 min
Lab File: BG063020.D
Acq: 24 Sep 2024 9:35



Tgt Ion:232 Resp: 3032264
Ion Ratio Lower Upper
232 100
131 38.7 31.9 47.9
130 3.0 1.9 2.9#
166 26.9 22.1 33.1





#61

Fluorene

Concen: 2.984 ng/ul

RT: 15.546 min Scan# 2119

Delta R.T. 0.007 min

Lab File: BG063020.D

Acq: 24 Sep 2024 9:35

Instrument :

BNL_G

ClientSampleId :

DDC46

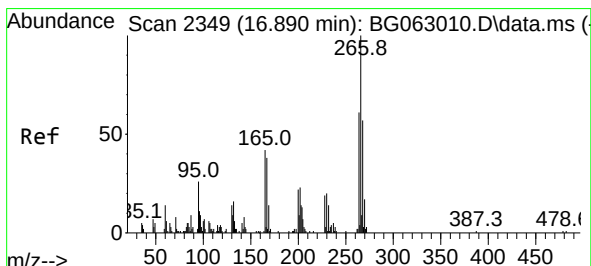
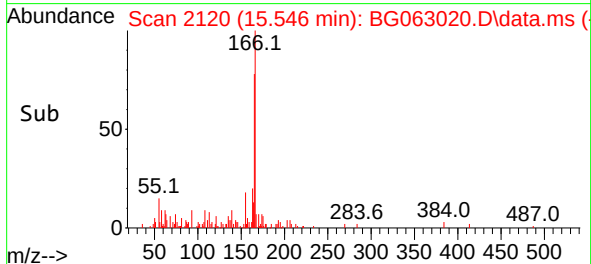
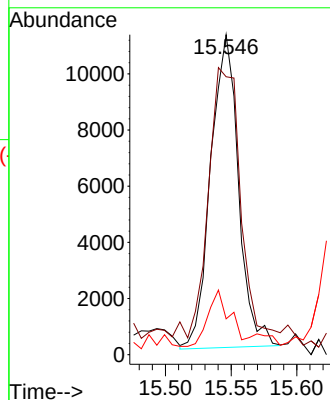
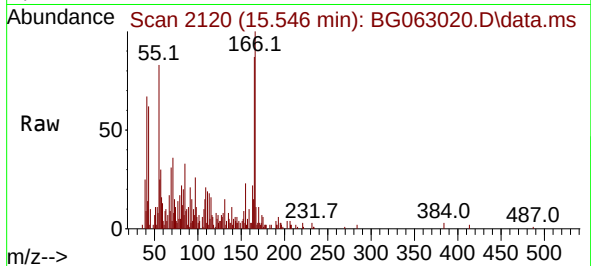
Tgt Ion:166	Resp: 16370
Ion Ratio	Lower Upper
166	100
165	86.8 77.2 115.8
167	11.2 10.8 16.2

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#71

Pentachlorophenol

Concen: 6588.950 ng/ul m

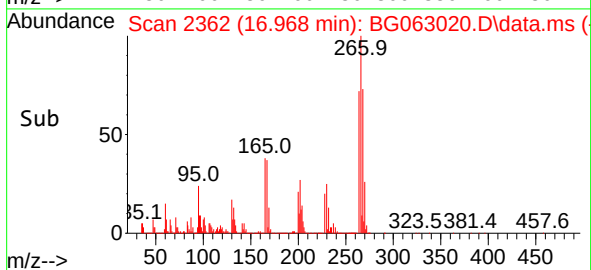
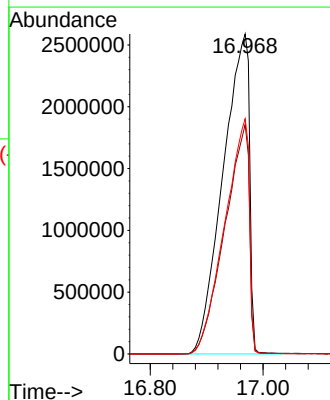
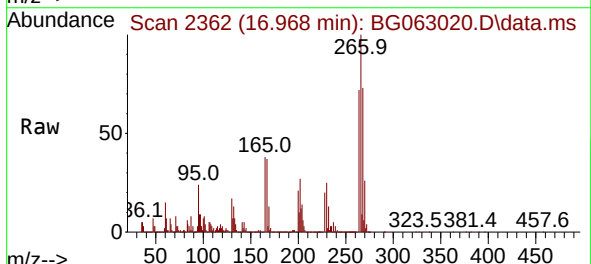
RT: 16.968 min Scan# 2362

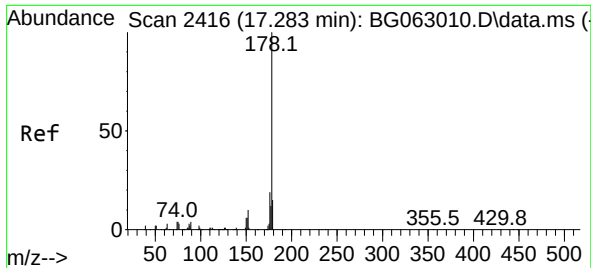
Delta R.T. 0.078 min

Lab File: BG063020.D

Acq: 24 Sep 2024 9:35

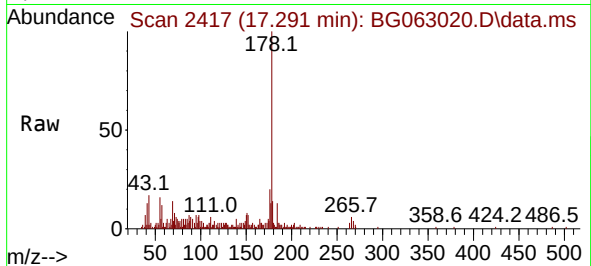
Tgt Ion:266	Resp: 8401492
Ion Ratio	Lower Upper
266	100
264	71.7 43.0 64.4#
268	73.5 47.2 70.8#





#72
 Phenanthrene
 Concen: 4.360 ng/ul
 RT: 17.291 min Scan# 2417
 Delta R.T. 0.013 min
 Lab File: BG063020.D
 Acq: 24 Sep 2024 9:35

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.6	12.3	18.5
176	19.8	15.5	23.3

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