

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062863.D
 Acq On : 16 Sep 2024 2:41
 Operator : JU/RC
 Sample : P3899-06
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC00

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 03:59:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	42352	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	166397	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	140216	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.283	188	346886	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.519	240	390660	20.000	ng/u1	# 0.00
88) Perylene-d12	24.586	264	461355	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	5889	6.286	ng/uL	0.00
4) Pyridine-d5	3.769	84	83808	28.101	ng/u1	0.00
7) Phenol-d5	7.077	99	128507	34.603	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	69379	31.160	ng/u1	0.00
11) 2-Chlorophenol-d4	7.442	132	99088	36.630	ng/u1	0.00
15) 4-Methylphenol-d8	8.617	113	116541	37.657	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	55590	46.743	ng/u1	0.00
24) 2-Nitrophenol-d4	9.774	143	62297	47.897	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	129933	45.872	ng/u1	0.00
31) 4-Chloroaniline-d4	10.832	131	104265	26.780	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	422937	39.170	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	474615	39.578	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	68582	37.389	ng/u1	0.00
60) Fluorene-d10	15.526	176	392104	40.299	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	234470m	117.508	ng/u1	0.02
73) Anthracene-d10	17.383	188	664123	40.567	ng/u1	0.00
81) Pyrene-d10	19.668	212	863361	39.273	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.381	264	994939	40.842	ng/u1	0.00
Target Compounds						
23) Isophorone	9.621	82	46439	7.060	ng/u1#	86
30) Naphthalene	10.744	128	55308	6.199	ng/u1	98
36) 2-Methylnaphthalene	12.353	142	152643	23.181	ng/u1	96
37) 1-Methylnaphthalene	12.571	142	89492	13.268	ng/u1#	98
42) 2,4,5-Trichlorophenol	13.041	196	16391	5.229	ng/u1	90
43) 1,1'-Biphenyl	13.364	154	17483	1.773	ng/u1#	88
58) 2,3,4,6-Tetrachlorophenol	15.162	232	353788	111.362	ng/u1#	96
61) Fluorene	15.579	166	20600	1.968	ng/u1#	86
71) Pentachlorophenol	16.972	266	4312840	1582.102	ng/u1	89
72) Phenanthrene	17.324	178	104731	5.806	ng/u1	96

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

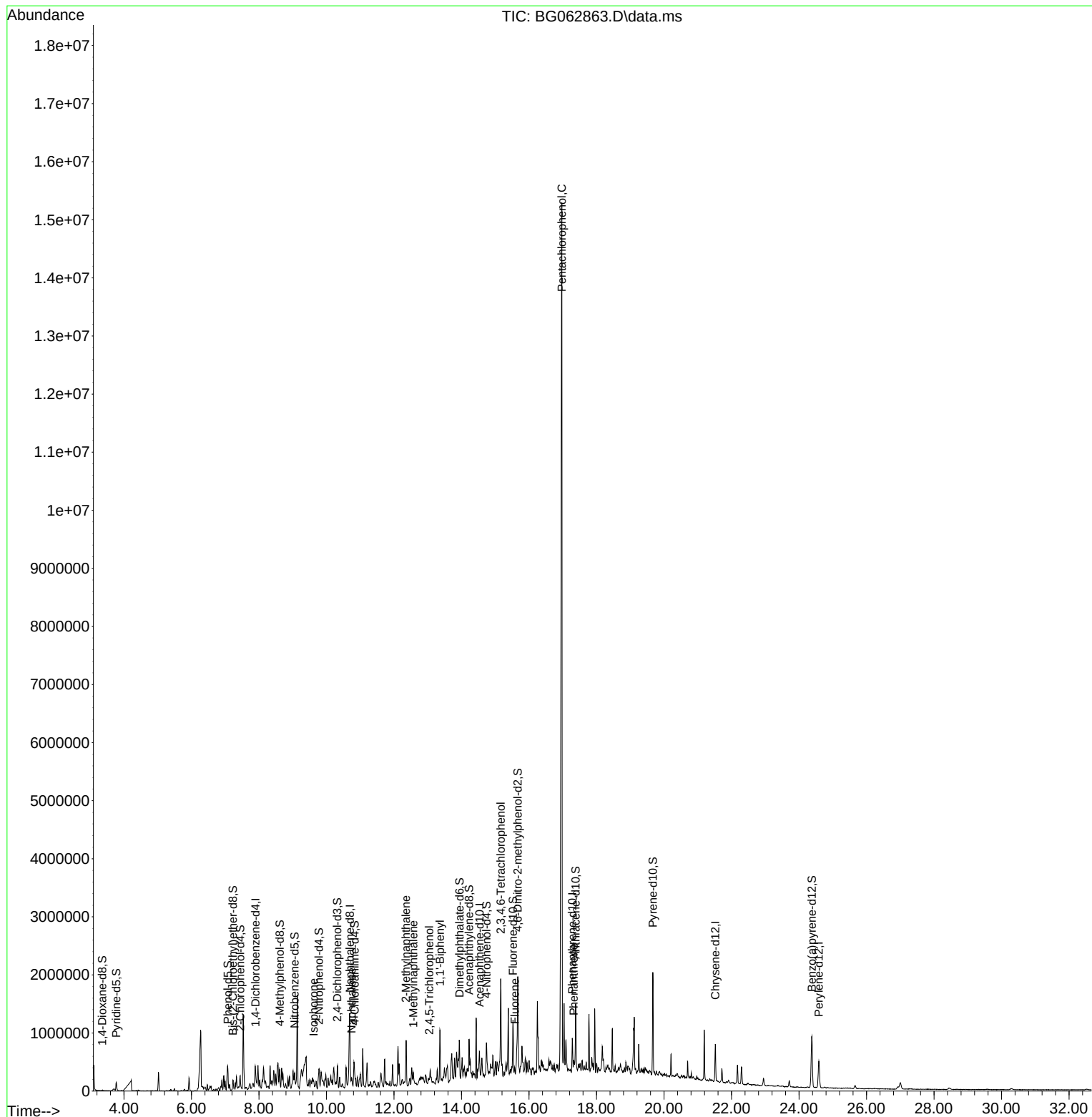
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062863.D
Acq On : 16 Sep 2024 2:41
Operator : JU/RC
Sample : P3899-06
Misc :
ALS Vial : 53 Sample Multiplier: 1

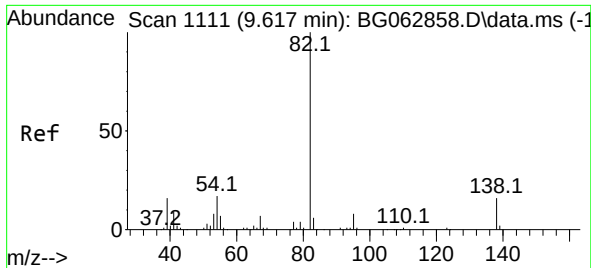
Instrument :
BNA_G
ClientSampleId :
DDC00

Quant Time: Sep 16 03:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
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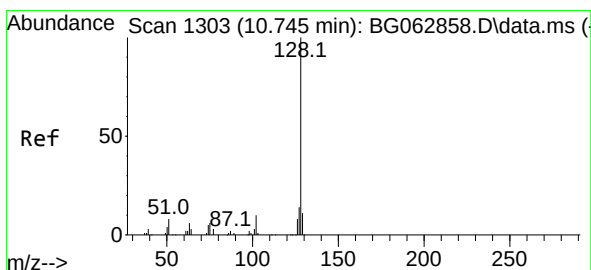
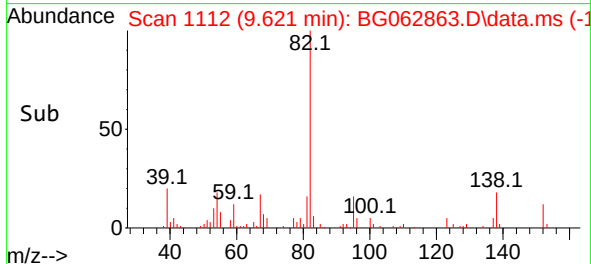
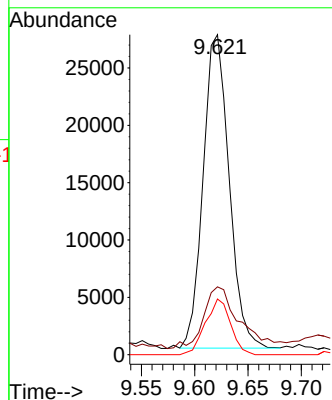
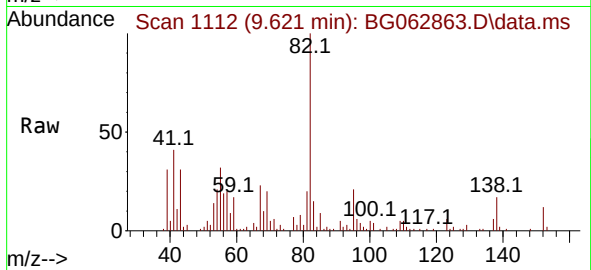
#23
Isophorone
Concen: 7.060 ng/u1
RT: 9.621 min Scan# 1111
Delta R.T. 0.001 min
Lab File: BG062863.D
Acq: 16 Sep 2024 2:41

Instrument :
BNA_G
ClientSampleId :
DDC00

Tgt Ion: 82 Resp: 46439
Ion Ratio Lower Upper
82 100
95 21.2 5.8 8.8
138 17.4 13.0 19.6

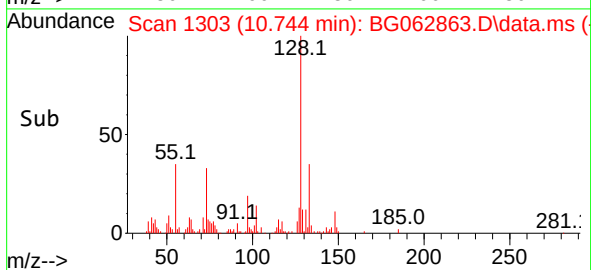
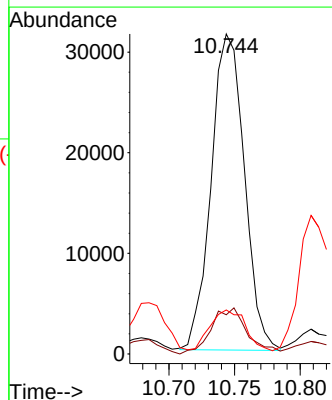
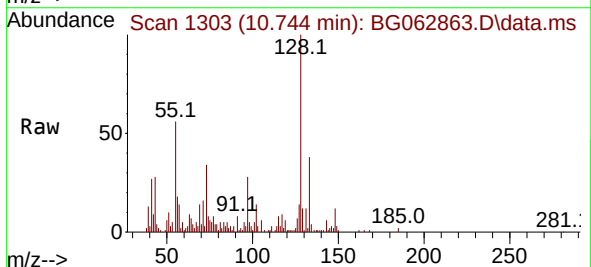
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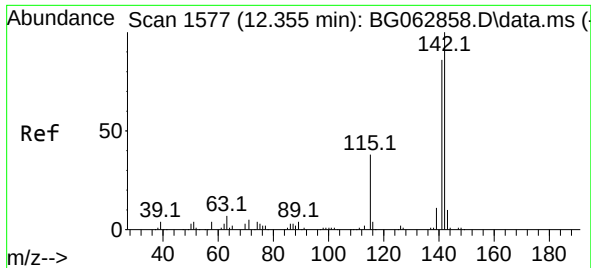
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#30
Naphthalene
Concen: 6.199 ng/u1
RT: 10.744 min Scan# 1303
Delta R.T. -0.005 min
Lab File: BG062863.D
Acq: 16 Sep 2024 2:41

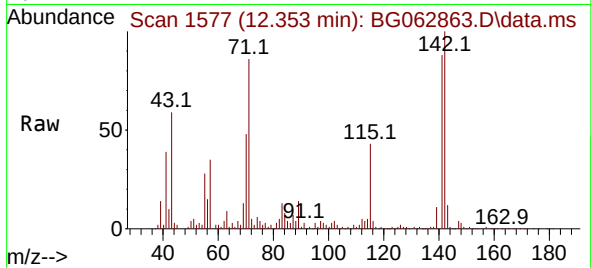
Tgt Ion:128 Resp: 55308
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.6
127 13.8 10.7 16.1





#36
2-Methylnaphthalene
Concen: 23.181 ng/ul
RT: 12.353 min Scan# 1577
Delta R.T. -0.005 min
Lab File: BG062863.D
Acq: 16 Sep 2024 2:41

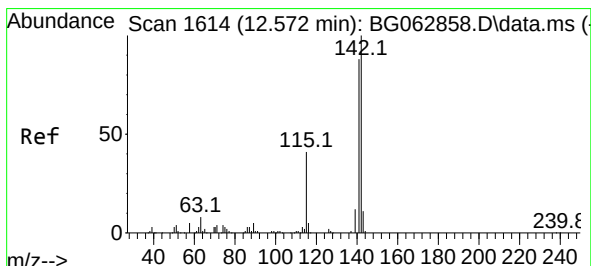
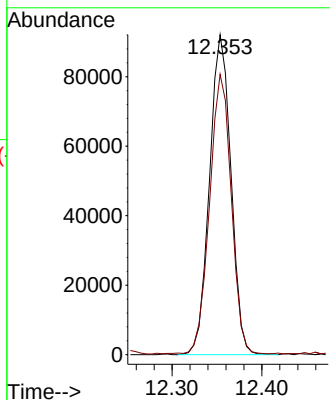
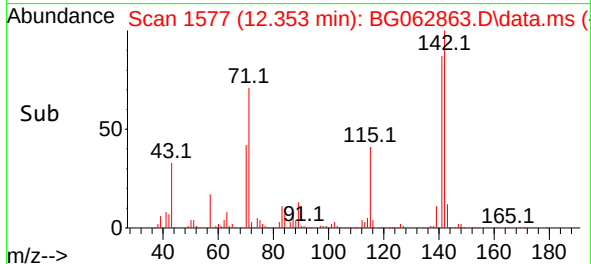
Instrument :
BNA_G
ClientSampleId :
DDC00



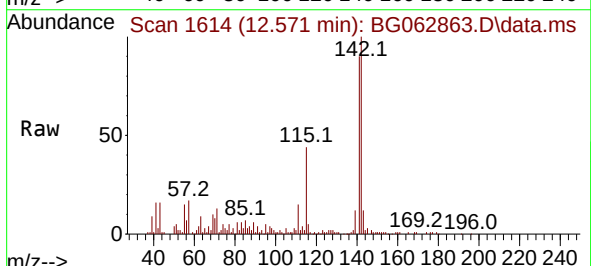
Tgt Ion:142 Resp: 15264
Ion Ratio Lower Upper
142 100
141 87.6 73.4 110.2

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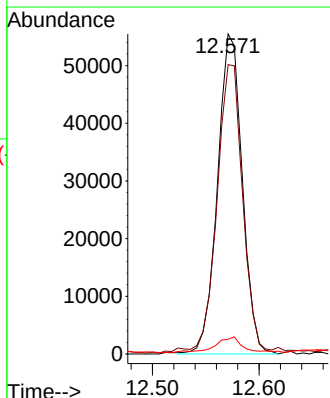
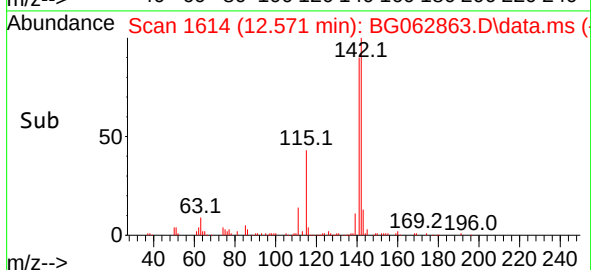
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

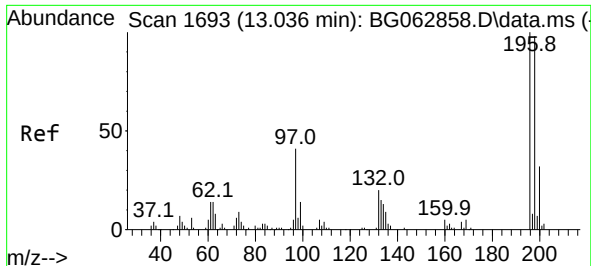


#37
1-Methylnaphthalene
Concen: 13.268 ng/ul
RT: 12.571 min Scan# 1614
Delta R.T. -0.005 min
Lab File: BG062863.D
Acq: 16 Sep 2024 2:41



Tgt Ion:142 Resp: 89492
Ion Ratio Lower Upper
142 100
141 90.4 71.1 106.7
116 4.6 3.0 4.6#





#42
2,4,5-Trichlorophenol
Concen: 5.229 ng/ul
RT: 13.041 min Scan# 1639
Delta R.T. 0.001 min
Lab File: BG062863.D
Acq: 16 Sep 2024 2:41

Instrument :

BNA_G

ClientSampleId :

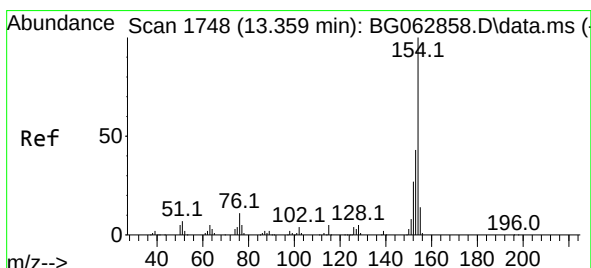
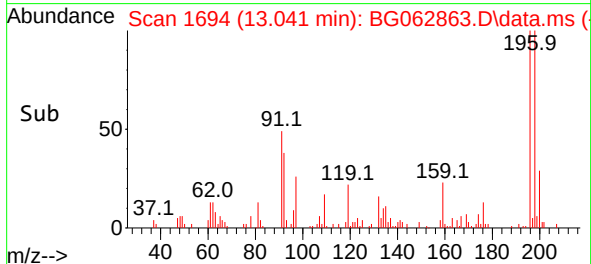
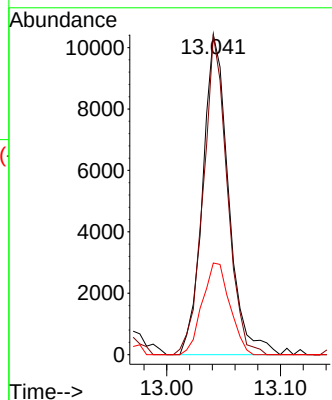
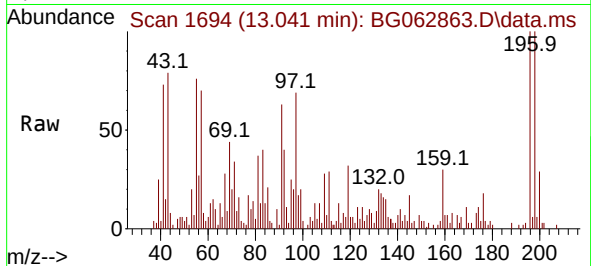
DDC00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	71.2	106.8
200	28.7	24.6	37.0

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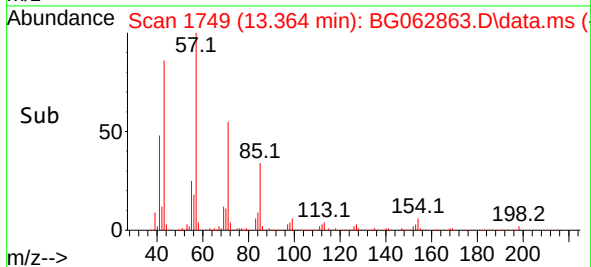
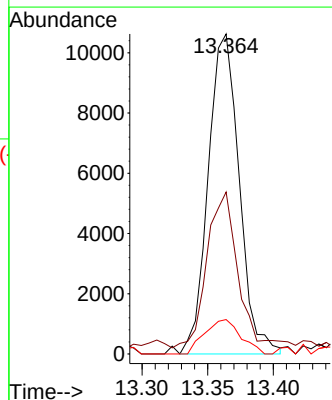
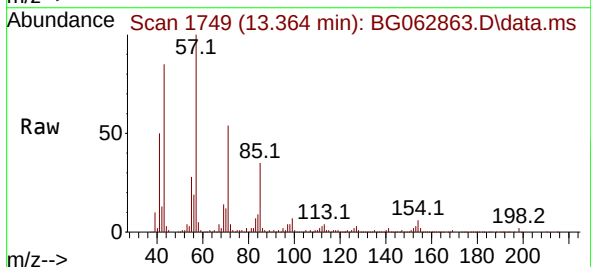
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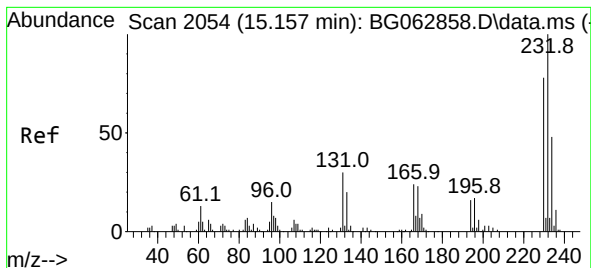
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#43
1,1'-Biphenyl
Concen: 1.773 ng/ul
RT: 13.364 min Scan# 1749
Delta R.T. 0.001 min
Lab File: BG062863.D
Acq: 16 Sep 2024 2:41

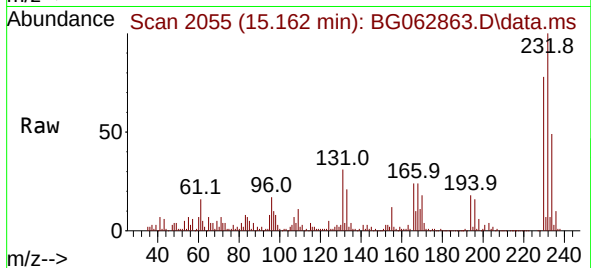
Tgt Ion	Ratio	Lower	Upper
154	100		
153	50.6	33.4	50.0#
76	10.7	10.1	15.1





#58
2,3,4,6-Tetrachlorophenol
Concen: 111.362 ng/ul
RT: 15.162 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BG062863.D
Acq: 16 Sep 2024 2:41

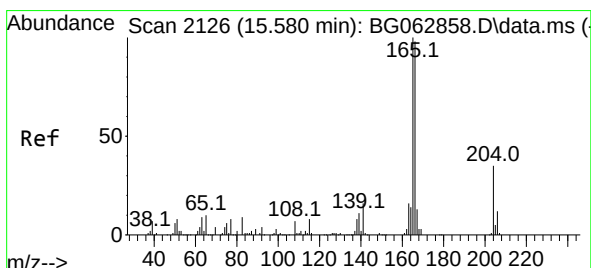
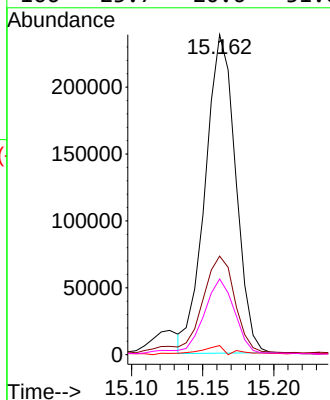
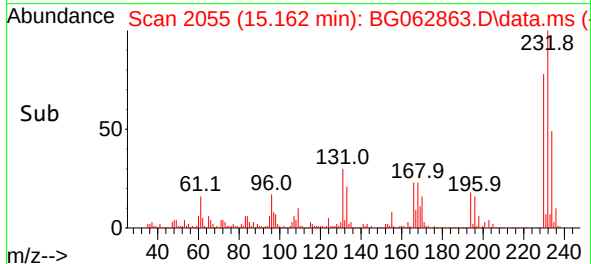
Instrument :
BNA_G
ClientSampleId :
DDC00



Tgt Ion:232 Resp: 35378
Ion Ratio Lower Upper
232 100
131 30.8 26.6 40.0
130 2.9 1.6 2.4
166 23.7 20.6 31.0

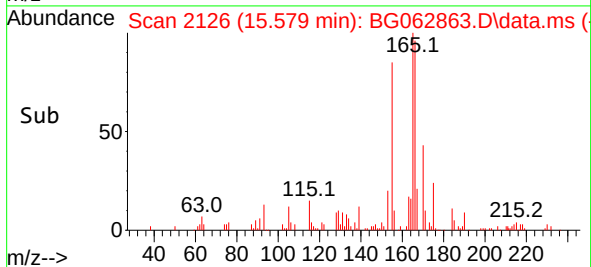
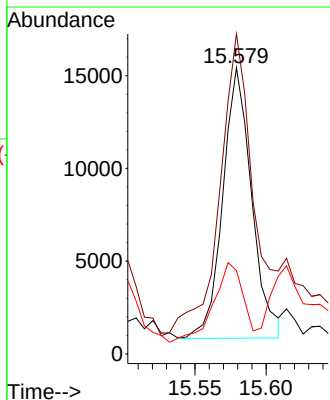
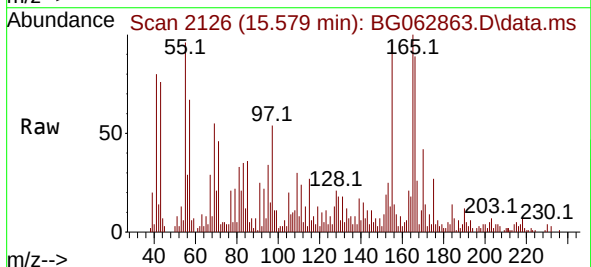
Manual Integrations
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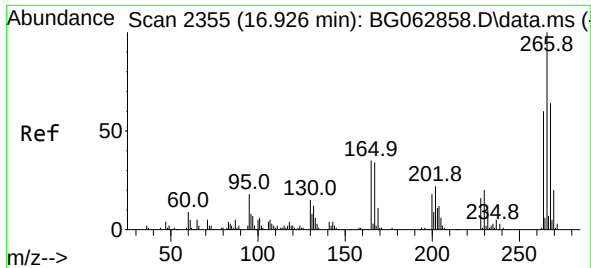
Reviewed By :Jagrut Upadhyay 09/16/2024
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#61
Fluorene
Concen: 1.968 ng/ul
RT: 15.579 min Scan# 2126
Delta R.T. 0.001 min
Lab File: BG062863.D
Acq: 16 Sep 2024 2:41

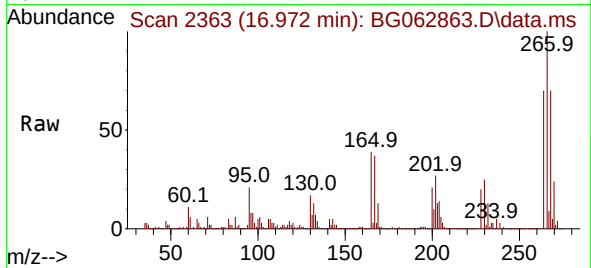
Tgt Ion:166 Resp: 20600
Ion Ratio Lower Upper
166 100
165 111.8 80.9 121.3
167 29.2 10.9 16.3





#71
 Pentachlorophenol
 Concen: 1582.102 ng/ul
 RT: 16.972 min Scan# 21
 Delta R.T. 0.042 min
 Lab File: BG062863.D
 Acq: 16 Sep 2024 2:41

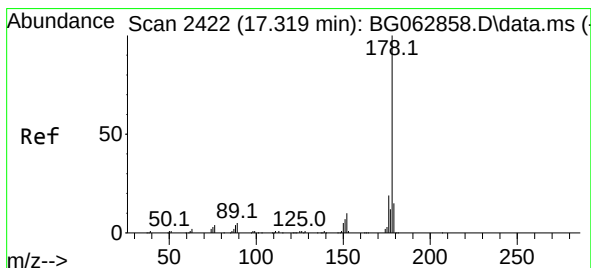
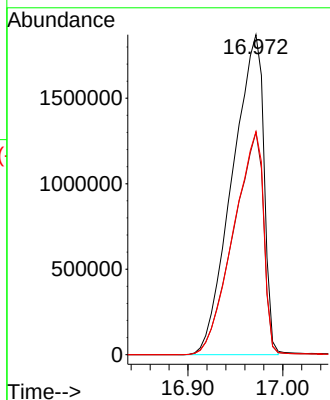
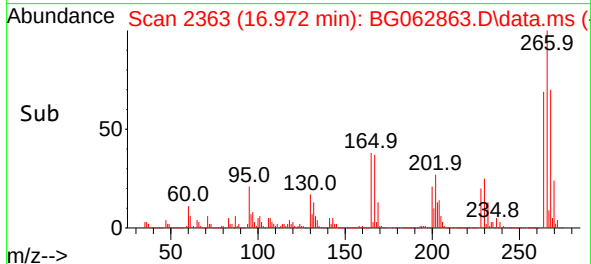
Instrument :
 BNA_G
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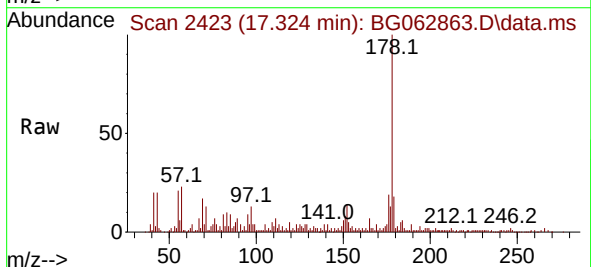
Tgt Ion:266 Resp: 4312840
 Ion Ratio Lower Upper
 266 100
 264 69.5 48.6 72.8
 268 69.7 49.5 74.3

Manual Integrations
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#72
 Phenanthrene
 Concen: 5.806 ng/ul
 RT: 17.324 min Scan# 2423
 Delta R.T. 0.001 min
 Lab File: BG062863.D
 Acq: 16 Sep 2024 2:41



Tgt Ion:178 Resp: 104731
 Ion Ratio Lower Upper
 178 100
 179 18.1 12.1 18.1
 176 19.3 14.9 22.3

