

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062196.D
 Acq On : 23 Jul 2024 22:01
 Operator : MA/JU
 Sample : P3244-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YDZD0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 23:31:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	47680	20.000	ng/u1	0.00
20) Naphthalene-d8	10.885	136	194043	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.698	164	158082	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.441	188	363559	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.706	240	343761	20.000	ng/u1	0.00
88) Perylene-d12	24.949	264	373012	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.460	96	4101	4.016	ng/uL	0.00
4) Pyridine-d5	3.883	84	38032	10.250	ng/u1	0.00
7) Phenol-d5	7.243	99	27420	5.841	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.384	67	28149	10.437	ng/u1	0.00
11) 2-Chlorophenol-d4	7.607	132	37765	12.766	ng/u1	0.00
15) 4-Methylphenol-d8	8.788	113	42618	11.921	ng/u1	0.00
21) Nitrobenzene-d5	9.241	128	17081	11.049	ng/u1	0.00
24) 2-Nitrophenol-d4	9.957	143	19629	10.549	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.515	165	50818	13.046	ng/u1	0.00
31) 4-Chloroaniline-d4	11.026	131	11934	2.547	ng/u1	0.00
46) Dimethylphthalate-d6	14.099	166	135341	10.101	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	142598	10.496	ng/u1	0.00
54) 4-Nitrophenol-d4	14.962	143	16451m	10.188	ng/u1	0.04
60) Fluorene-d10	15.685	176	122499	10.738	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	22692m	9.822	ng/u1	0.00
73) Anthracene-d10	17.541	188	193807	11.412	ng/u1	0.00
81) Pyrene-d10	19.826	212	238444	12.234	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.720	264	218063	11.695	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.489	88	5058	3.778	ng/uL#	86
13) 2-Methylphenol	8.530	108	323295	93.166	ng/u1	98
26) 2,4-Dimethylphenol	10.063	107	489118m	103.579	ng/u1	
30) Naphthalene	10.932	128	301940	28.845	ng/u1	99
35) 4-Chloro-3-methylphenol	12.178	107	93593	21.092	ng/u1	91
36) 2-Methylnaphthalene	12.536	142	741407	93.821	ng/u1	88
37) 1-Methylnaphthalene	12.753	142	577102	70.826	ng/u1	98
43) 1,1'-Biphenyl	13.529	154	12670	1.132	ng/u1#	91
52) Acenaphthene	14.757	153	16542	1.682	ng/u1	91
72) Phenanthrene	17.482	178	17587	1.005	ng/u1#	93

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

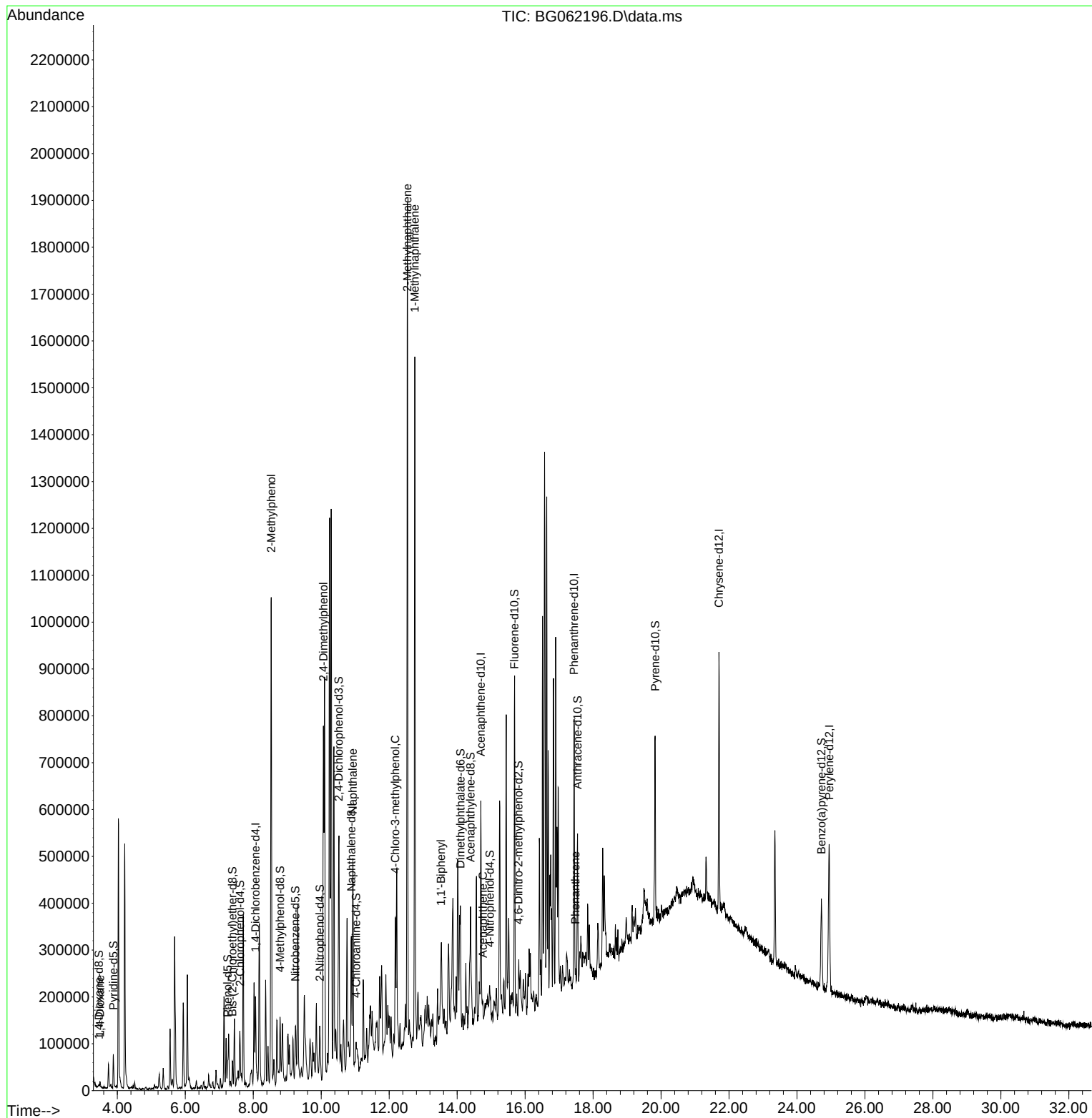
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062196.D
Acq On : 23 Jul 2024 22:01
Operator : MA/JU
Sample : P3244-01
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ALS Vial : 16 Sample Multiplier: 1

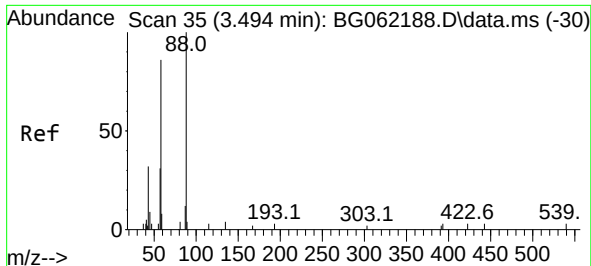
Instrument :
BNA_G
ClientSampleId :
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Supervised By :mohammad ahmed 07/25/2024

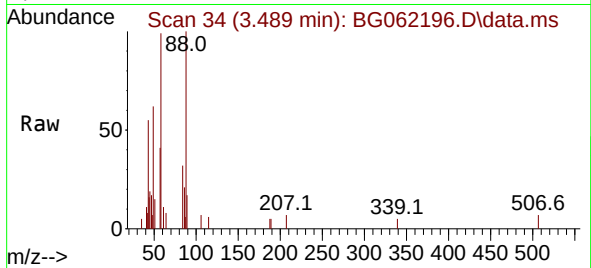
Quant Time: Jul 23 23:31:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 3.778 ng/uL
RT: 3.489 min Scan# 34
Delta R.T. -0.004 min
Lab File: BG062196.D
Acq: 23 Jul 2024 22:01

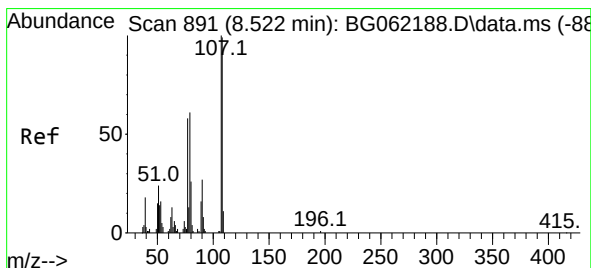
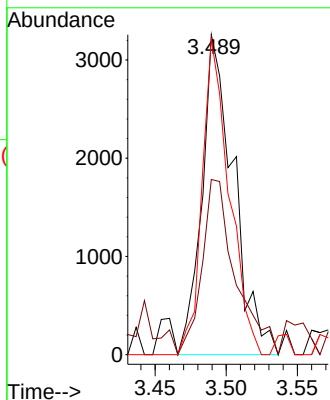
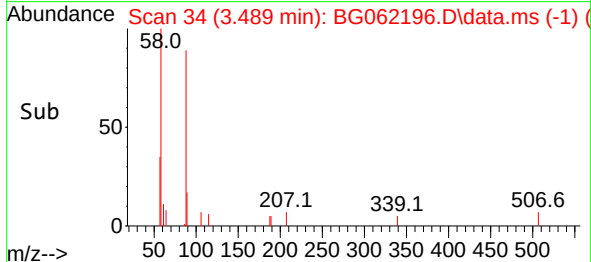
Instrument :
BNA_G
ClientSampleId :
YDZD0



Tgt Ion: 88 Resp: 5058
Ion Ratio Lower Upper
88 100
43 54.7 25.0 37.4
58 98.8 75.4 113.2

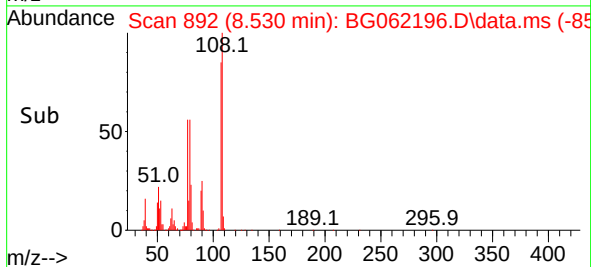
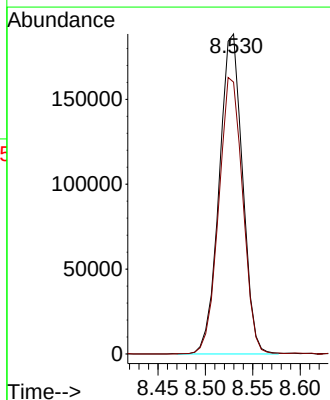
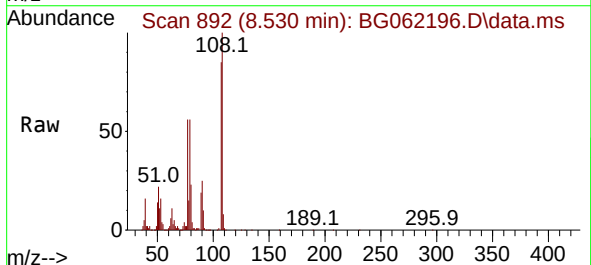
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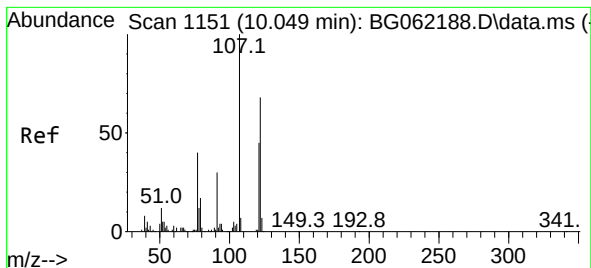
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#13
2-Methylphenol
Concen: 93.166 ng/uL
RT: 8.530 min Scan# 892
Delta R.T. 0.007 min
Lab File: BG062196.D
Acq: 23 Jul 2024 22:01

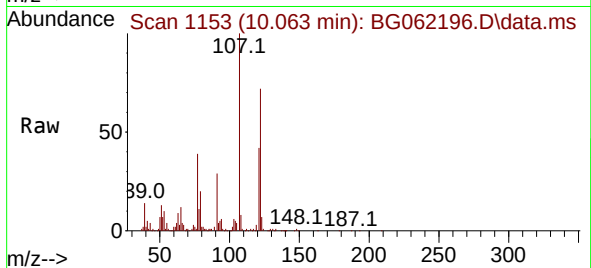
Tgt Ion:108 Resp: 323295
Ion Ratio Lower Upper
108 100
107 85.0 69.4 104.2





#26
2,4-Dimethylphenol
Concen: 103.579 ng/ul m
RT: 10.063 min Scan# 1151
Delta R.T. 0.013 min
Lab File: BG062196.D
Acq: 23 Jul 2024 22:01

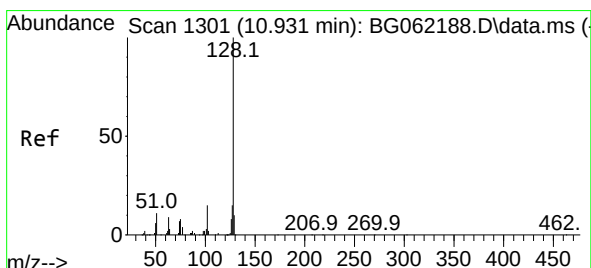
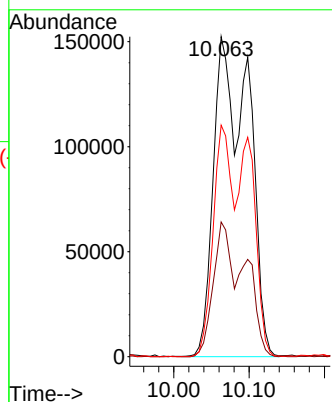
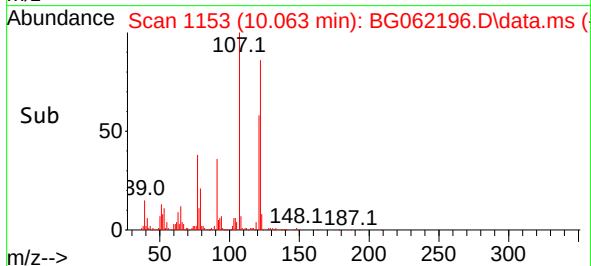
Instrument :
BNA_G
ClientSampleId :
YDZD0



Tgt Ion:107 Resp: 489118
Ion Ratio Lower Upper
107 100
121 42.1 30.6 45.8
122 72.4 57.8 86.8

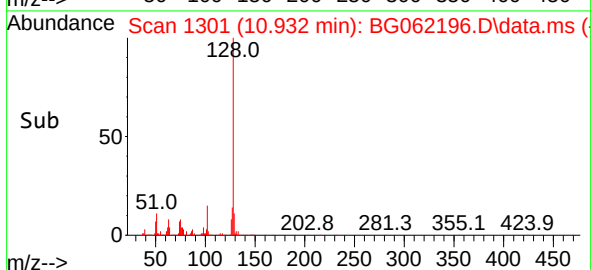
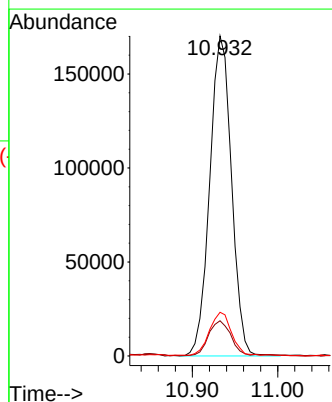
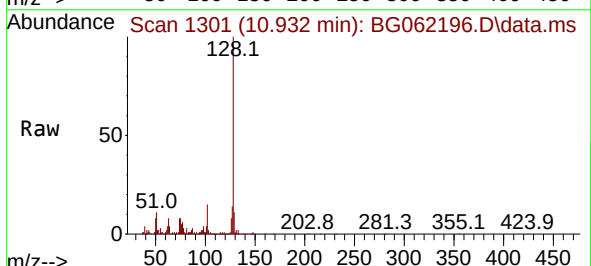
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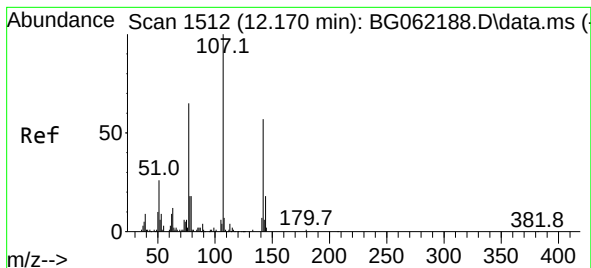
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#30
Naphthalene
Concen: 28.845 ng/ul
RT: 10.932 min Scan# 1301
Delta R.T. 0.002 min
Lab File: BG062196.D
Acq: 23 Jul 2024 22:01

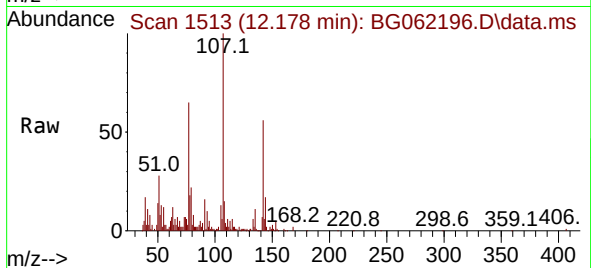
Tgt Ion:128 Resp: 301940
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.6 15.8





#35
4-Chloro-3-methylphenol
Concen: 21.092 ng/ul
RT: 12.178 min Scan# 1513
Delta R.T. 0.007 min
Lab File: BG062196.D
Acq: 23 Jul 2024 22:01

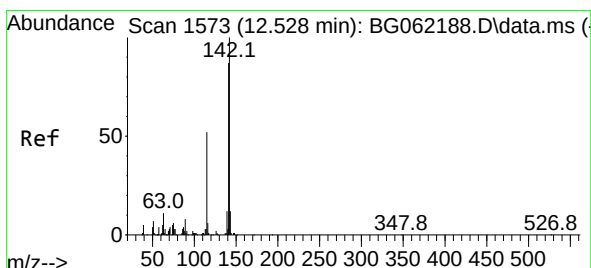
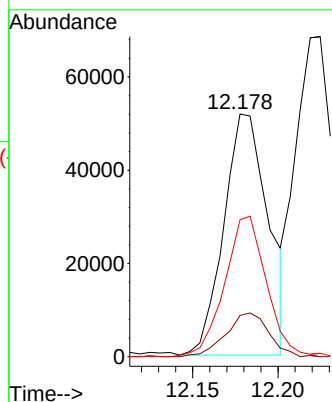
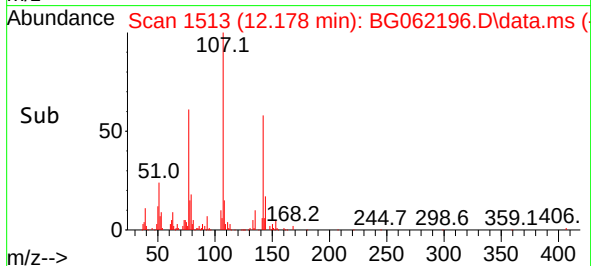
Instrument :
BNA_G
ClientSampleId :
YDZD0



Tgt Ion:107 Resp: 9359
Ion Ratio Lower Upper
107 100
144 17.0 14.5 21.7
142 56.4 52.2 78.4

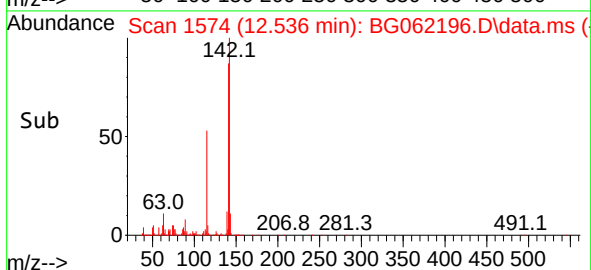
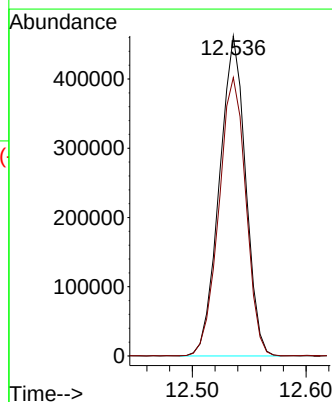
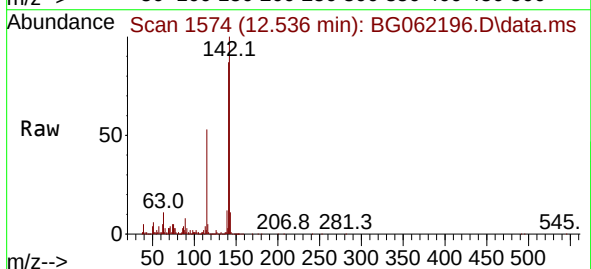
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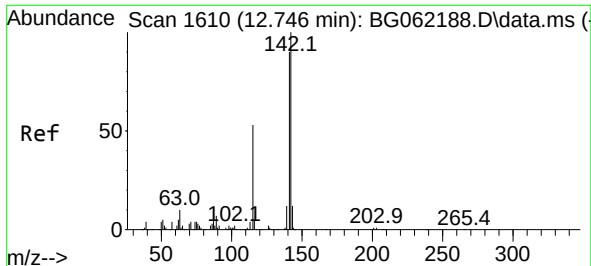
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#36
2-Methylnaphthalene
Concen: 93.821 ng/ul
RT: 12.536 min Scan# 1574
Delta R.T. 0.007 min
Lab File: BG062196.D
Acq: 23 Jul 2024 22:01

Tgt Ion:142 Resp: 741407
Ion Ratio Lower Upper
142 100
141 87.0 79.1 118.7





#37

1-Methylnaphthalene

Concen: 70.826 ng/ul

RT: 12.753 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG062196.D

Acq: 23 Jul 2024 22:01

Instrument :

BNA_G

ClientSampleId :

YDZD0

Tgt Ion:142 Resp: 57710

Ion Ratio Lower Upper

142 100

141 91.5 75.0 112.4

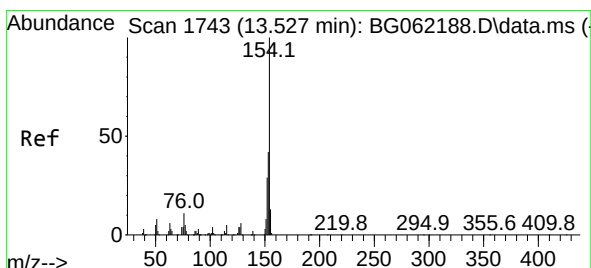
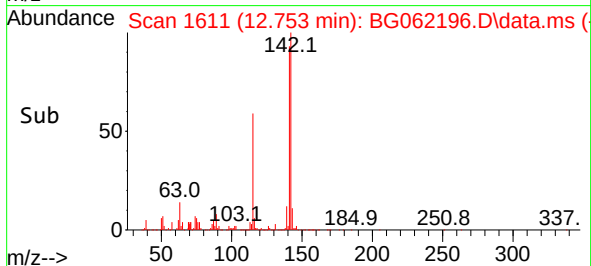
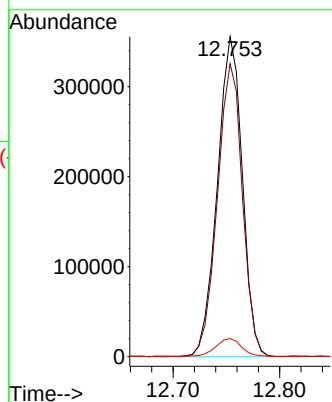
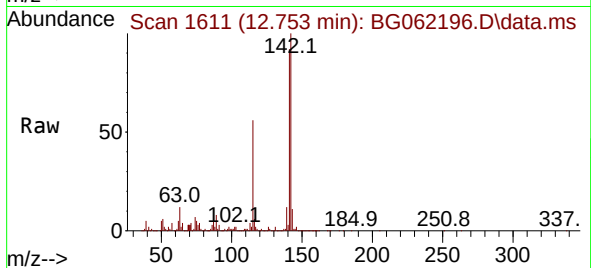
116 5.7 4.5 6.7

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#43

1,1'-Biphenyl

Concen: 1.132 ng/ul

RT: 13.529 min Scan# 1743

Delta R.T. -0.004 min

Lab File: BG062196.D

Acq: 23 Jul 2024 22:01

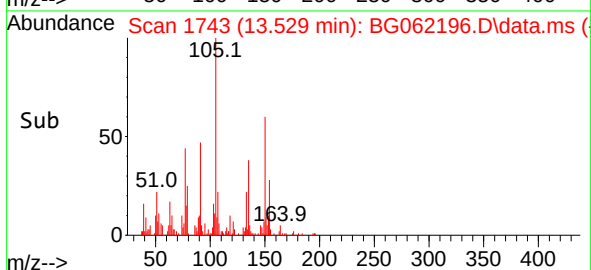
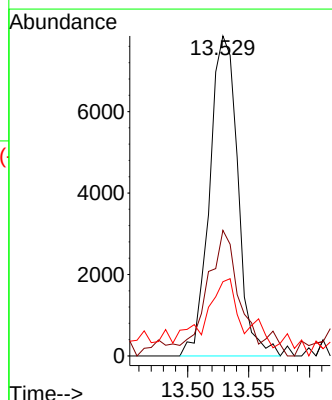
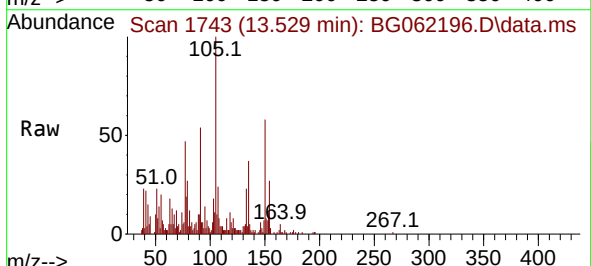
Tgt Ion:154 Resp: 12670

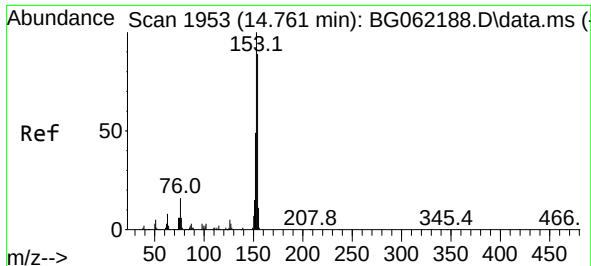
Ion Ratio Lower Upper

154 100

153 39.3 30.3 45.5

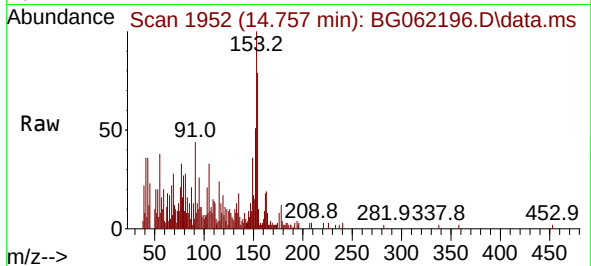
76 23.2 9.0 13.6#





#52
Acenaphthene
Concen: 1.682 ng/uI
RT: 14.757 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG062196.D
Acq: 23 Jul 2024 22:01

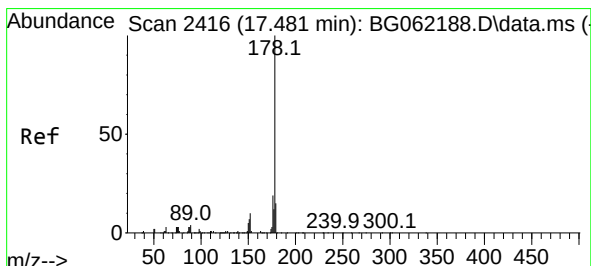
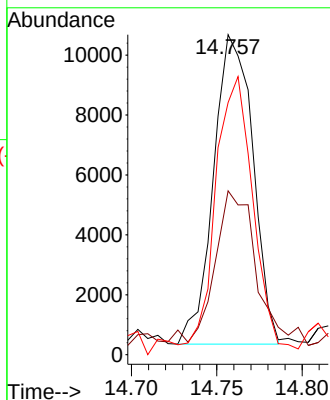
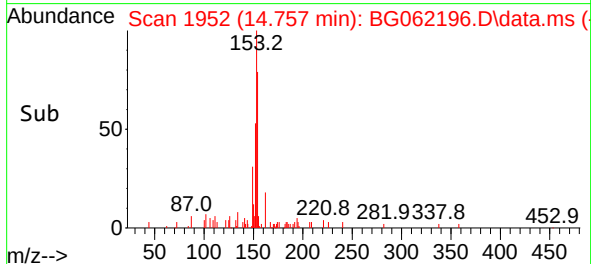
Instrument :
BNA_G
ClientSampleId :
YDZD0



Tgt Ion:153 Resp: 16542
Ion Ratio Lower Upper
153 100
152 51.2 38.2 57.4
154 78.8 71.0 106.6

Manual Integrations
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Supervised By :mohammad ahmed 07/25/2024



#72
Phenanthrene
Concen: 1.005 ng/uI
RT: 17.482 min Scan# 2416
Delta R.T. 0.002 min
Lab File: BG062196.D
Acq: 23 Jul 2024 22:01

Tgt Ion:178 Resp: 17587
Ion Ratio Lower Upper
178 100
179 19.6 14.1 21.1
176 24.8 16.3 24.5#

