

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
 Data File : BG062125.D
 Acq On : 17 Jul 2024 23:17
 Operator : MA/JU
 Sample : P3217-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YDZD6

Manual Integrations
 APPROVED

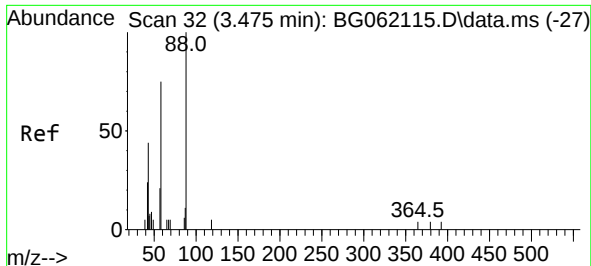
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 18 07:25:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

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

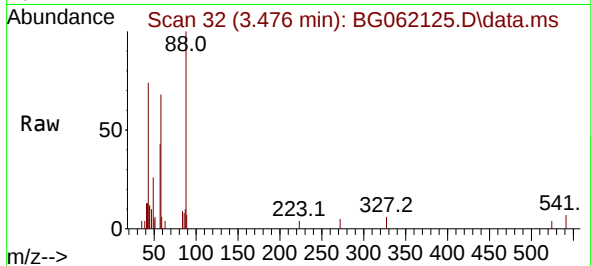
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.048	152	26707	20.000	ng/u1	0.00
20) Naphthalene-d8	10.862	136	123428	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.681	164	83293	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.425	188	185258	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.685	240	171041	20.000	ng/u1	# 0.00
88) Perylene-d12	24.910	264	190713	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	2000m	2.814	ng/uL	0.00
4) Pyridine-d5	3.864	84	25814	11.813	ng/u1	0.00
7) Phenol-d5	7.225	99	15320	5.242	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	22539	12.178	ng/u1	0.00
11) 2-Chlorophenol-d4	7.583	132	31407m	15.666	ng/u1	0.00
15) 4-Methylphenol-d8	8.776	113	26564m	11.544	ng/u1	0.01
21) Nitrobenzene-d5	9.211	128	18262	19.454	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.939	143	21957	20.482	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	40261	19.472	ng/u1	0.00
31) 4-Chloroaniline-d4	11.003	131	32356	10.778	ng/u1	0.00
46) Dimethylphthalate-d6	14.082	166	129759	18.949	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	136713	19.093	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	8957m	8.191	ng/u1	0.06
60) Fluorene-d10	15.668	176	111229	19.295	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	17880	18.377	ng/u1	0.00
73) Anthracene-d10	17.525	188	175958	20.343	ng/u1	0.00
81) Pyrene-d10	19.804	212	203090	20.187	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.681	264	206256	21.807	ng/u1	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.476	88	5962m	7.600	ng/uL	
13) 2-Methylphenol	8.506	108	31494	14.746	ng/u1	85
26) 2,4-Dimethylphenol	10.075	107	137611m	52.596	ng/u1	
30) Naphthalene	10.909	128	218273	32.194	ng/u1#	94
35) 4-Chloro-3-methylphenol	12.160	107	24080	9.309	ng/u1#	79
36) 2-Methylnaphthalene	12.525	142	1025783	208.837	ng/u1	95
37) 1-Methylnaphthalene	12.742	142	724035	141.844	ng/u1	95
43) 1,1'-Biphenyl	13.512	154	14102	2.197	ng/u1#	96
52) Acenaphthene	14.740	153	9690	1.786	ng/u1#	74
61) Fluorene	15.721	166	7085	1.086	ng/u1	98
72) Phenanthrene	17.466	178	16689	1.708	ng/u1#	90

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



#2
1,4-Dioxane
Concen: 7.600 ng/uL m
RT: 3.476 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

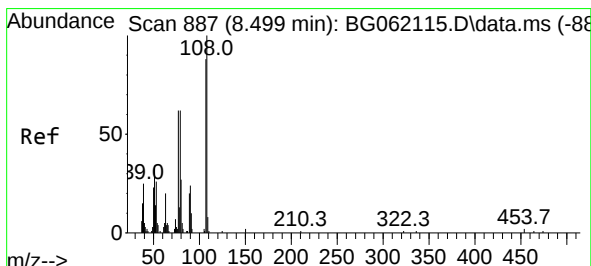
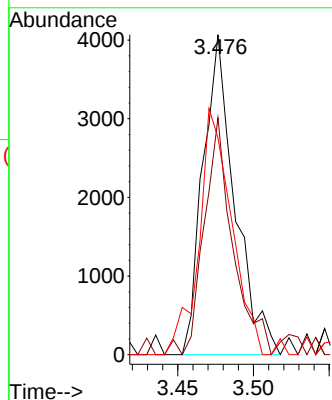
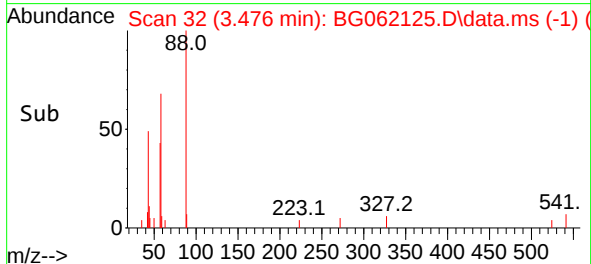
Instrument :
BNA_G
ClientSampleId :
YDZD6



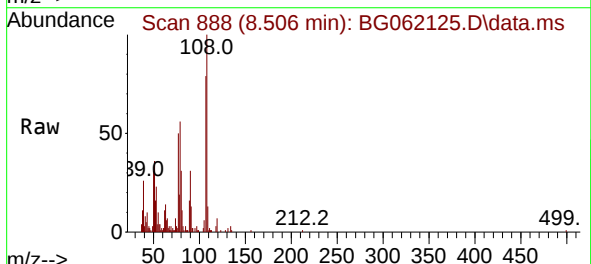
Tgt Ion: 88 Resp: 5962
Ion Ratio Lower Upper
88 100
43 74.1 39.4 59.2
58 67.8 78.1 117.1

Manual Integrations
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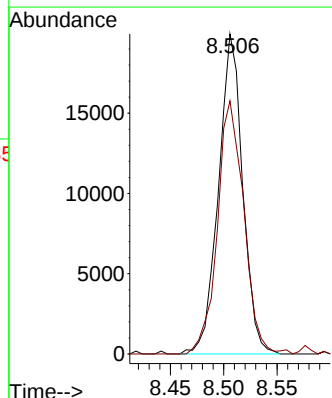
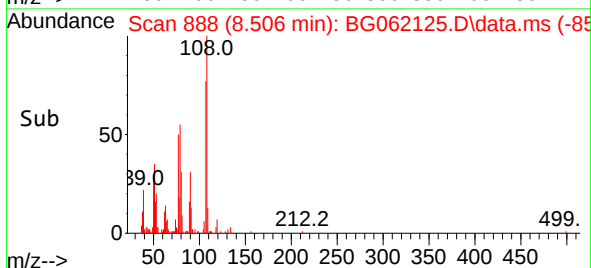
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

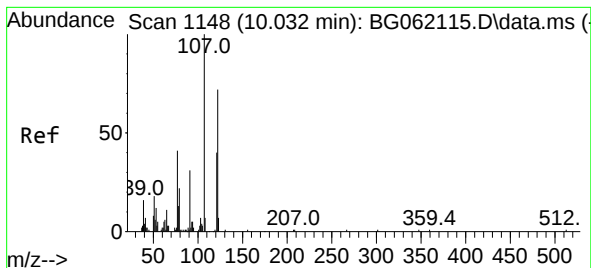


#13
2-Methylphenol
Concen: 14.746 ng/uL
RT: 8.506 min Scan# 888
Delta R.T. 0.012 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17



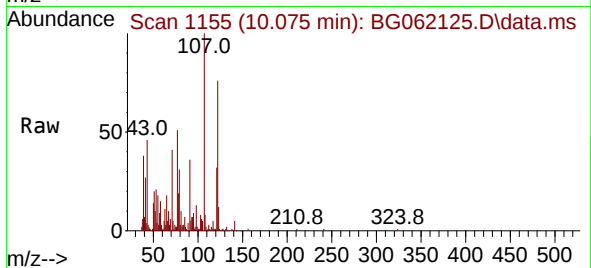
Tgt Ion:108 Resp: 31494
Ion Ratio Lower Upper
108 100
107 79.1 74.9 112.3





#26
2,4-Dimethylphenol
Concen: 52.596 ng/ul m
RT: 10.075 min Scan# 1148
Delta R.T. 0.041 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

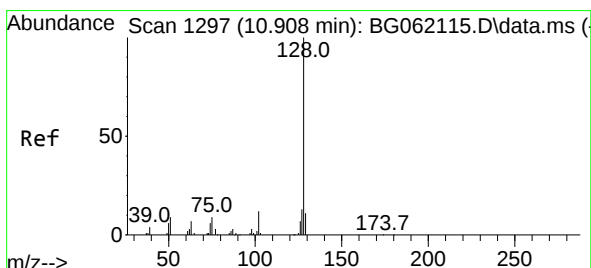
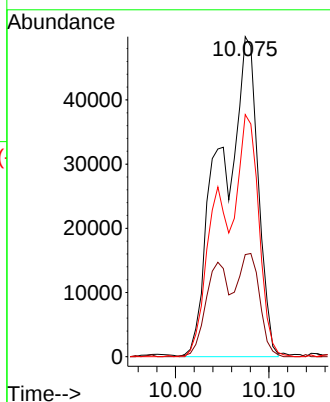
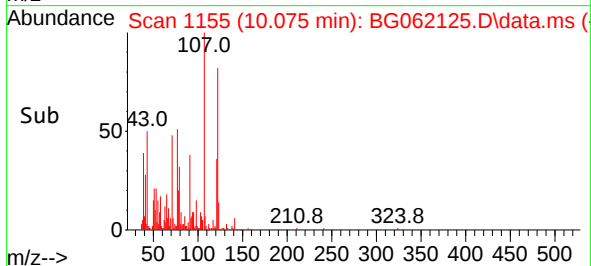
Instrument :
BNA_G
ClientSampleId :
YDZD6



Tgt Ion:107 Resp: 13761
Ion Ratio Lower Upper
107 100
121 31.9 35.6 53.4
122 75.7 62.2 93.2

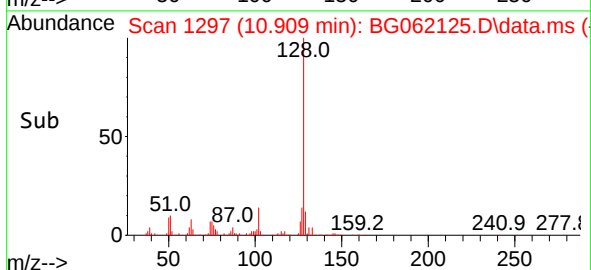
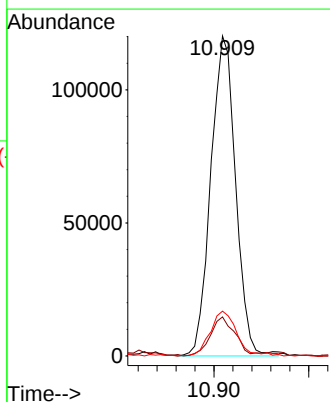
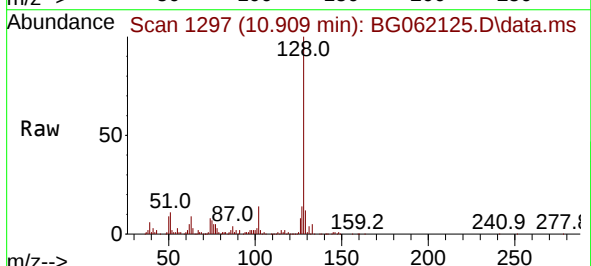
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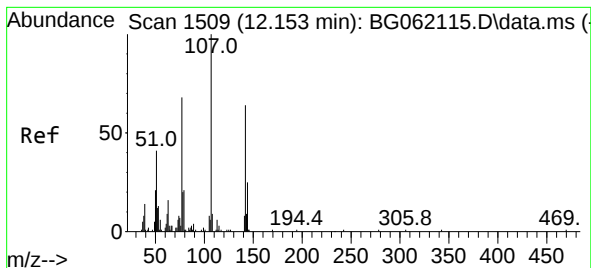
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#30
Naphthalene
Concen: 32.194 ng/ul
RT: 10.909 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

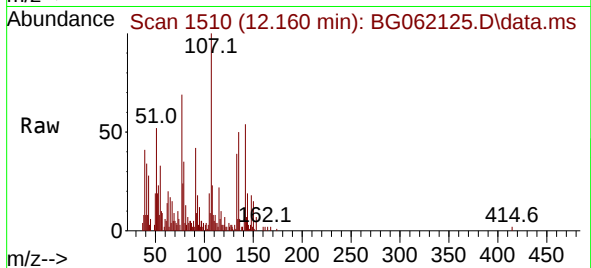
Tgt Ion:128 Resp: 218273
Ion Ratio Lower Upper
128 100
129 12.2 7.7 11.5
127 14.0 9.6 14.4





#35
4-Chloro-3-methylphenol
Concen: 9.309 ng/ul
RT: 12.160 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

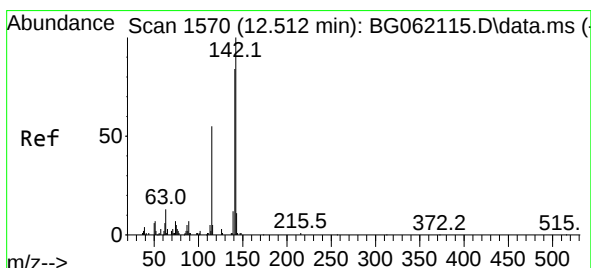
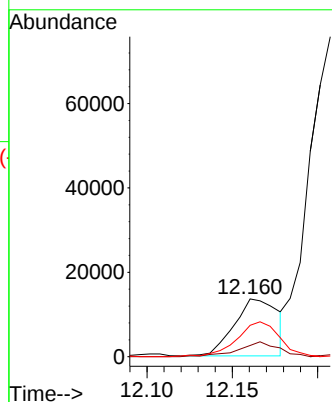
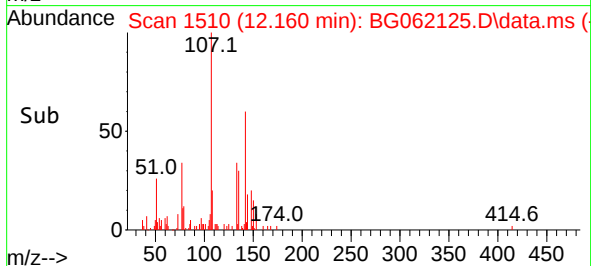
Instrument :
BNA_G
ClientSampleId :
YDZD6



Tgt Ion:107 Resp: 24080
Ion Ratio Lower Upper
107 100
144 19.3 19.6 29.4
142 54.1 60.3 90.5

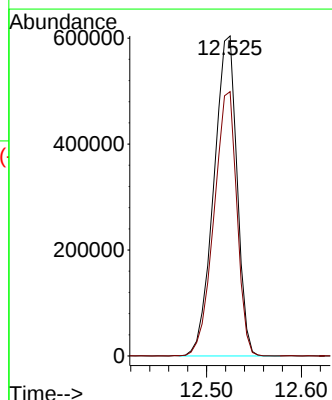
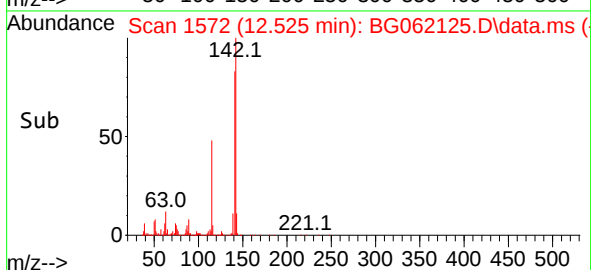
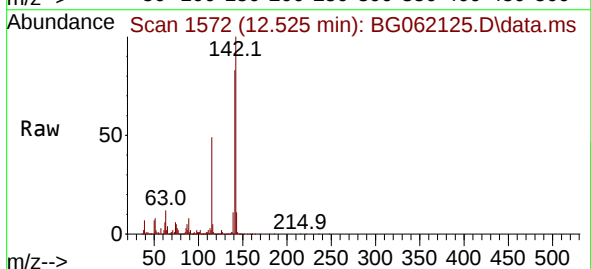
Manual Integrations
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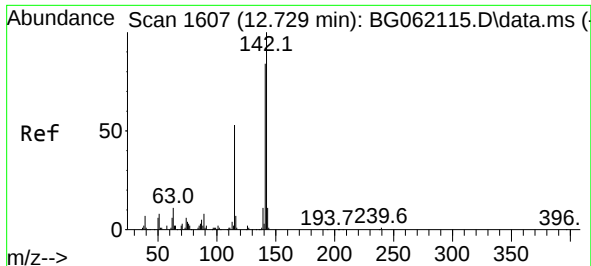
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#36
2-Methylnaphthalene
Concen: 208.837 ng/ul
RT: 12.525 min Scan# 1572
Delta R.T. 0.012 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

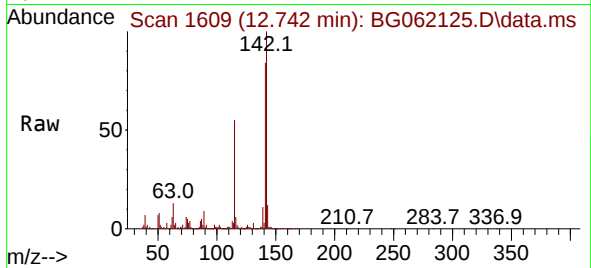
Tgt Ion:142 Resp: 1025783
Ion Ratio Lower Upper
142 100
141 82.6 69.4 104.2





#37
1-Methylnaphthalene
Concen: 141.844 ng/ul
RT: 12.742 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

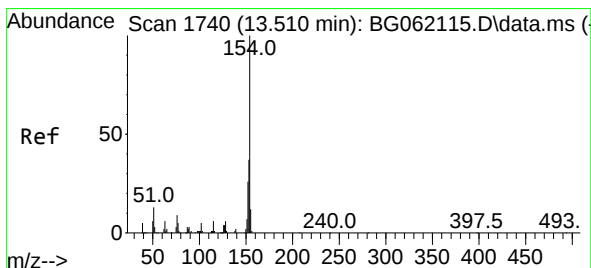
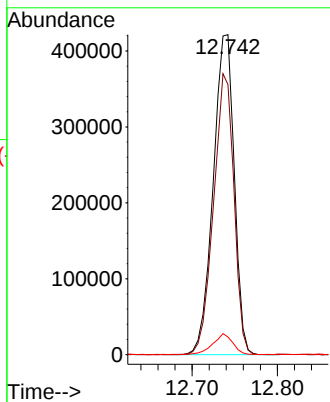
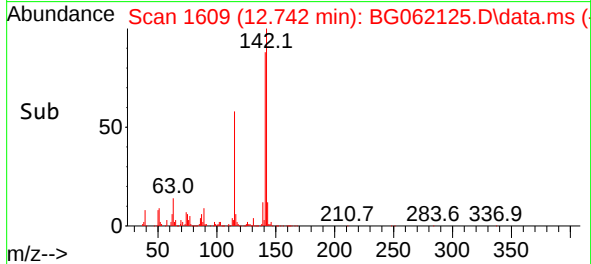
Instrument :
BNA_G
ClientSampleId :
YDZD6



Tgt Ion:142 Resp: 724035
Ion Ratio Lower Upper
142 100
141 84.4 71.4 107.2
116 5.5 3.8 5.8

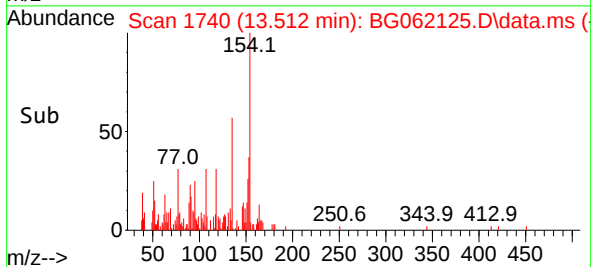
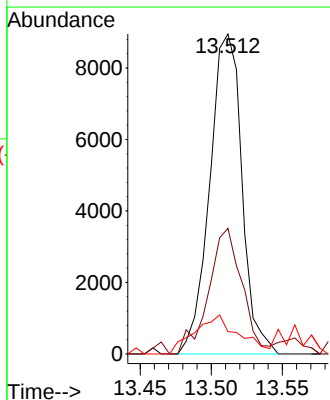
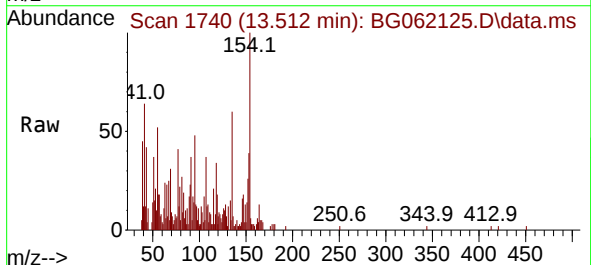
Manual Integrations
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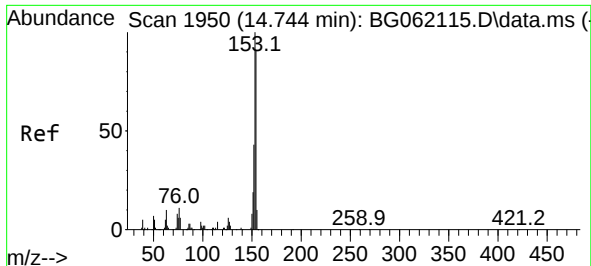
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#43
1,1'-Biphenyl
Concen: 2.197 ng/ul
RT: 13.512 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

Tgt Ion:154 Resp: 14102
Ion Ratio Lower Upper
154 100
153 39.3 31.7 47.5
76 7.0 10.0 15.0#





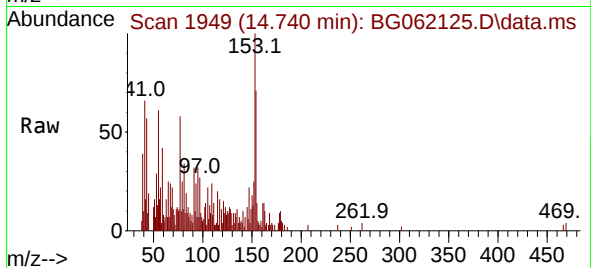
#52
Acenaphthene
Concen: 1.786 ng/ul
RT: 14.740 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

Instrument :

BNA_G

ClientSampleId :

YDZD6



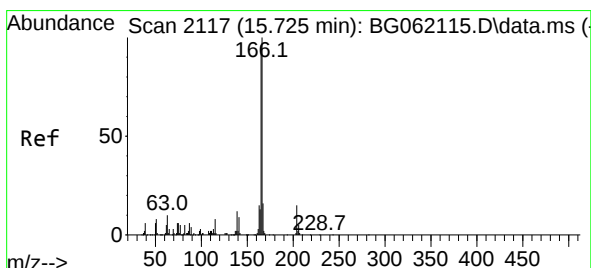
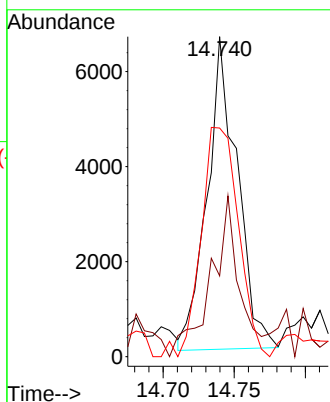
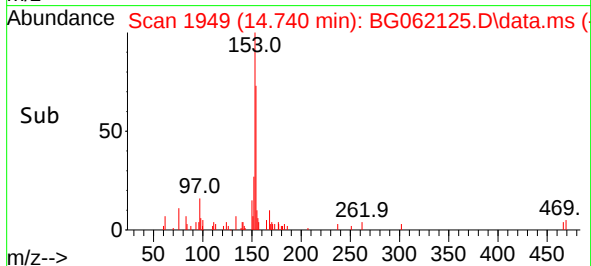
Tgt Ion:153 Resp: 9690
Ion Ratio Lower Upper
153 100
152 25.2 37.2 55.8
154 71.4 75.0 112.6

Manual Integrations

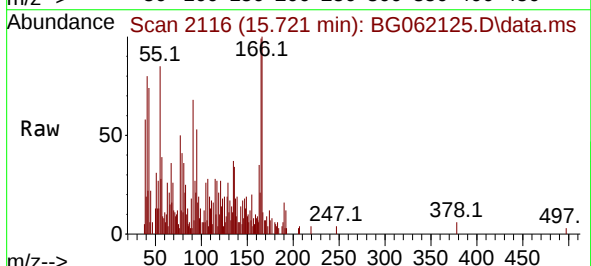
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Reviewed By :Yogesh Patel 07/18/2024

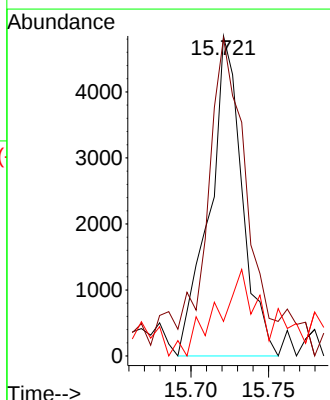
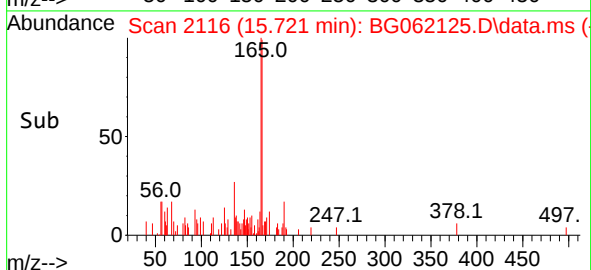
Supervised By :mohammad ahmed 07/18/2024

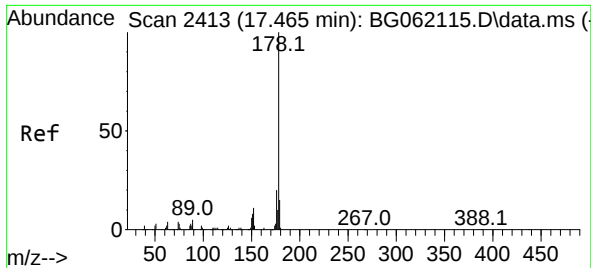


#61
Fluorene
Concen: 1.086 ng/ul
RT: 15.721 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17



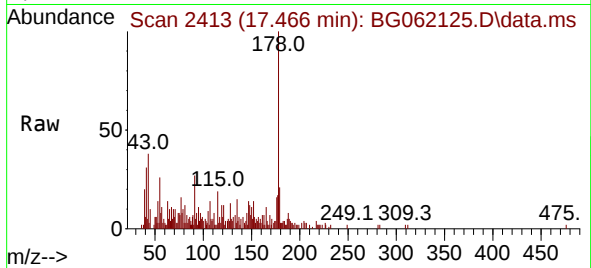
Tgt Ion:166 Resp: 7085
Ion Ratio Lower Upper
166 100
165 99.3 78.4 117.6
167 10.8 10.4 15.6





#72
Phenanthrene
Concen: 1.708 ng/ul
RT: 17.466 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BG062125.D
Acq: 17 Jul 2024 23:17

Instrument :
BNA_G
ClientSampleId :
YDZD6



Tgt Ion:178 Resp: 16689
Ion Ratio Lower Upper
178 100
179 20.8 11.9 17.9
176 16.0 15.5 23.3

Manual Integrations
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