

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062175.D
 Acq On : 23 Jul 2024 00:20
 Operator : MA/JU
 Sample : P3217-19DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YDZD6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 01:32:21 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	8.064	152	37143	20.000	ng/u1	0.00
20) Naphthalene-d8	10.878	136	156395	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.696	164	140085	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.440	188	368812	20.000	ng/u1	0.00
79) Chrysene-d12	21.698	240	373063	20.000	ng/u1	# 0.00
88) Perylene-d12	24.929	264	393434	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.236	99	5761	1.575	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.383	67	10835	5.157	ng/u1	0.00
11) 2-Chlorophenol-d4	7.594	132	11276	4.893	ng/u1	-0.01
15) 4-Methylphenol-d8	8.781	113	10475	3.761	ng/u1	0.00
21) Nitrobenzene-d5	9.233	128	6210	4.984	ng/u1	0.00
24) 2-Nitrophenol-d4	9.961	143	7840	5.228	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.502	165	16260	5.179	ng/u1	0.00
31) 4-Chloroaniline-d4	11.019	131	9241	2.447	ng/u1	0.00
46) Dimethylphthalate-d6	14.091	166	60338	5.082	ng/u1	0.00
49) Acenaphthylene-d8	14.391	160	63273	5.255	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.683	176	54810	5.422	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	6972	2.975	ng/u1	0.00
73) Anthracene-d10	17.539	188	95863	5.564	ng/u1	0.00
81) Pyrene-d10	19.819	212	129543	6.124	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.706	264	114346	5.814	ng/u1	-0.01
Target Compounds						
2) 1,4-Dioxane	3.500	88	3592m	3.444	ng/uL	
13) 2-Methylphenol	8.516	108	13069	4.835	ng/u1	98
26) 2,4-Dimethylphenol	10.085	107	57200m	15.029	ng/u1	
30) Naphthalene	10.931	128	80813	9.579	ng/u1	96
35) 4-Chloro-3-methylphenol	12.170	107	9396	2.627	ng/u1#	84
36) 2-Methylnaphthalene	12.529	142	398794	62.613	ng/u1	90
37) 1-Methylnaphthalene	12.752	142	280703	42.743	ng/u1	99

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

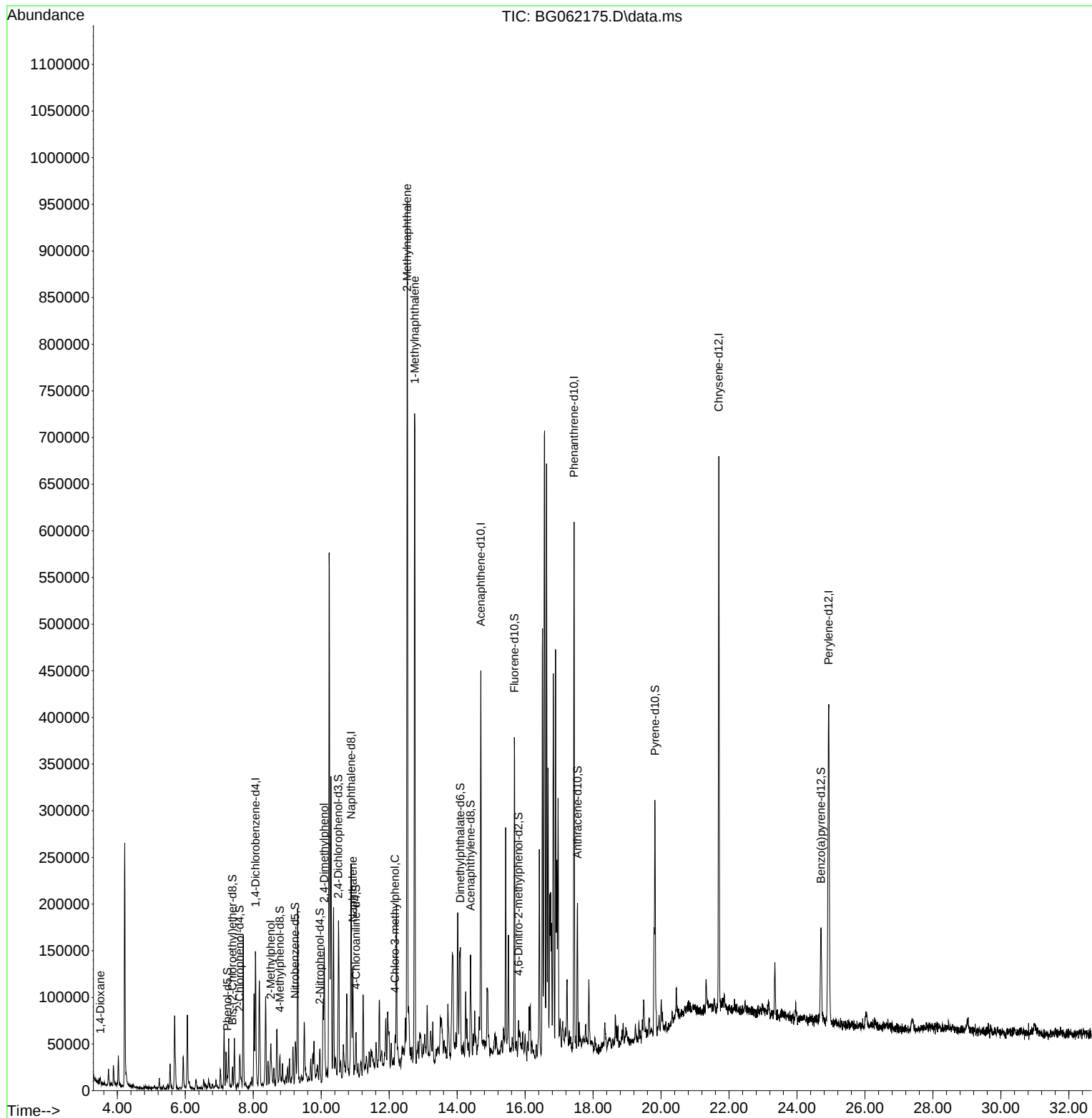
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Data File : BG062175.D
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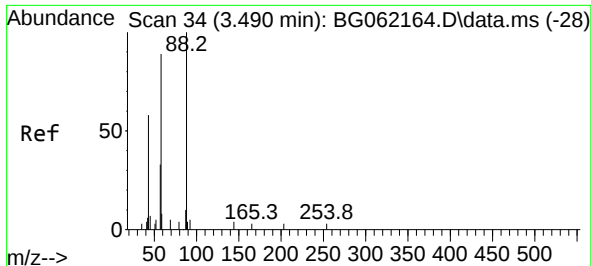
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Jul 23 01:32:21 2024
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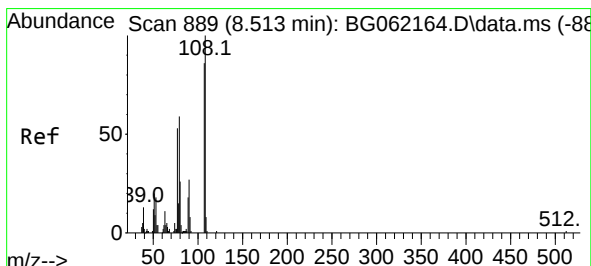
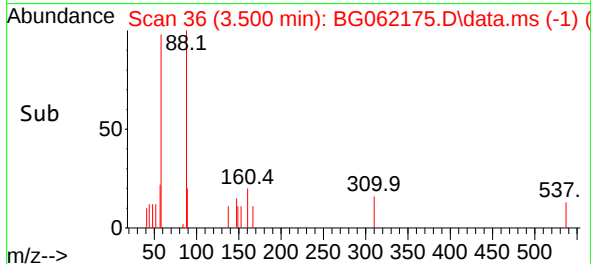
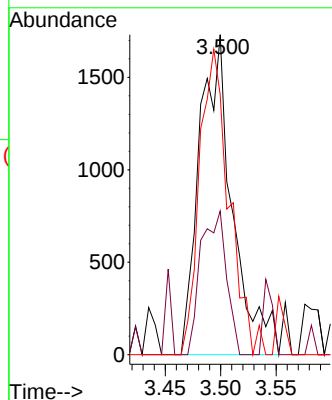
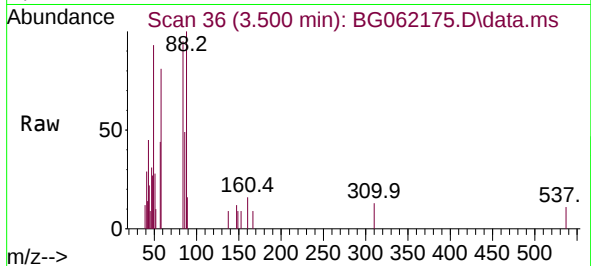
#2
1,4-Dioxane
Concen: 3.444 ng/uL m
RT: 3.500 min Scan# 30
Delta R.T. 0.006 min
Lab File: BG062175.D
Acq: 23 Jul 2024 00:20

Instrument :
BNA_G
ClientSampleId :
YDZD6DL

Tgt Ion: 88 Resp: 3592
Ion Ratio Lower Upper
88 100
43 44.9 25.0 37.4
58 81.2 75.4 113.2

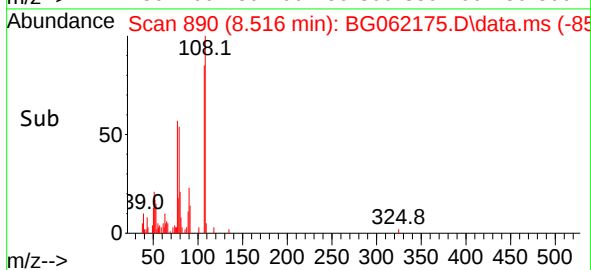
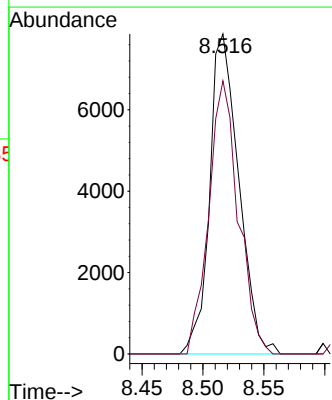
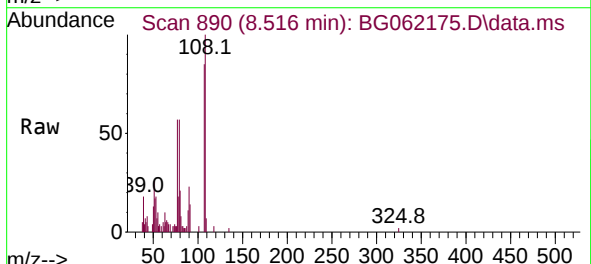
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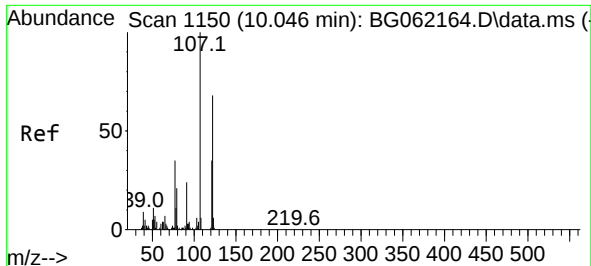
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Supervised By :mohammad ahmed 07/25/2024



#13
2-Methylphenol
Concen: 4.835 ng/uL
RT: 8.516 min Scan# 890
Delta R.T. -0.006 min
Lab File: BG062175.D
Acq: 23 Jul 2024 00:20

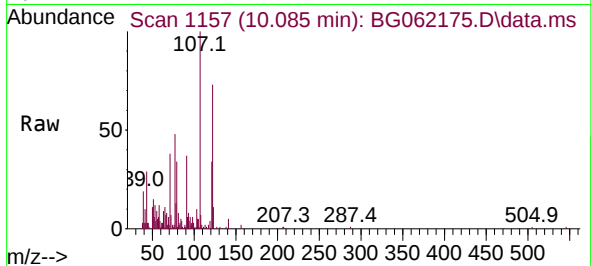
Tgt Ion:108 Resp: 13069
Ion Ratio Lower Upper
108 100
107 85.4 69.4 104.2





#26
2,4-Dimethylphenol
Concen: 15.029 ng/ul m
RT: 10.085 min Scan# 1150
Delta R.T. 0.035 min
Lab File: BG062175.D
Acq: 23 Jul 2024 00:20

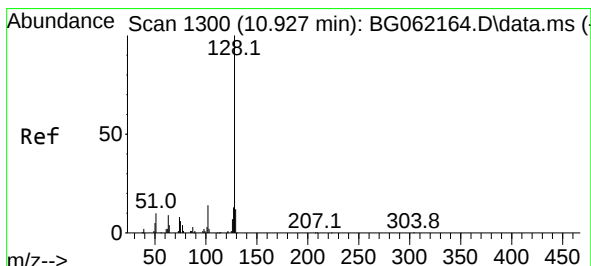
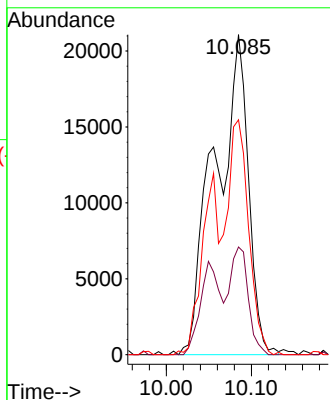
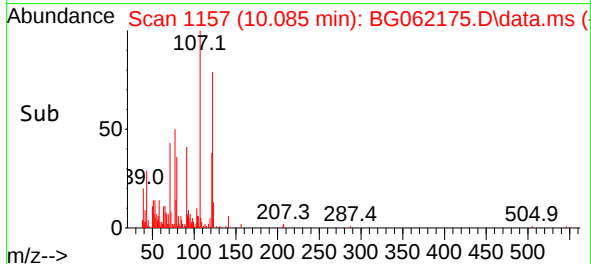
Instrument :
BNA_G
ClientSampleId :
YDZD6DL



Tgt Ion:107 Resp: 57200
Ion Ratio Lower Upper
107 100
121 33.7 30.6 45.8
122 73.4 57.8 86.8

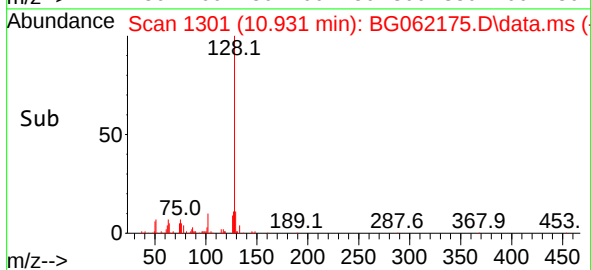
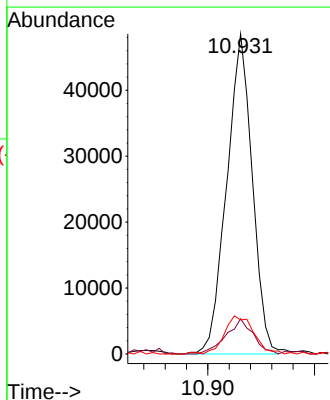
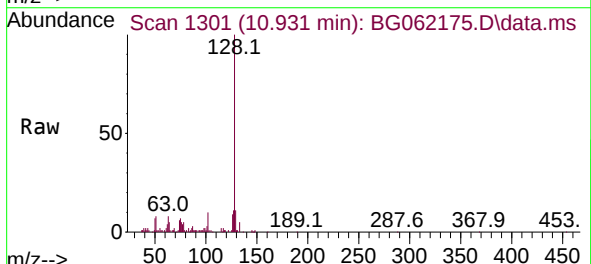
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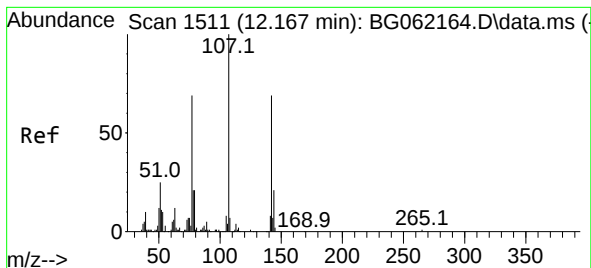
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



#30
Naphthalene
Concen: 9.579 ng/ul
RT: 10.931 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG062175.D
Acq: 23 Jul 2024 00:20

Tgt Ion:128 Resp: 80813
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 10.7 10.6 15.8





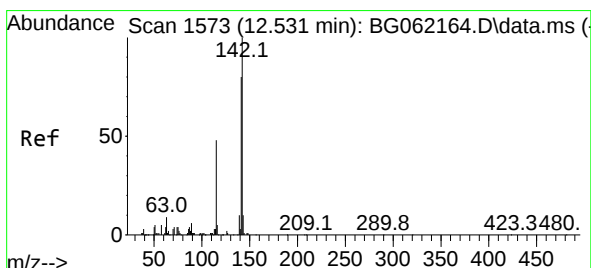
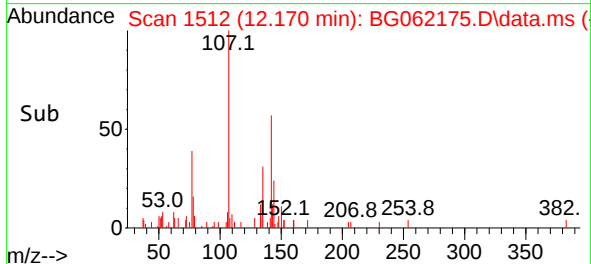
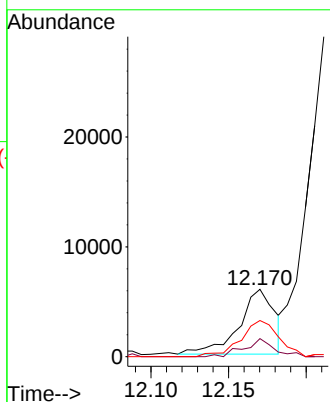
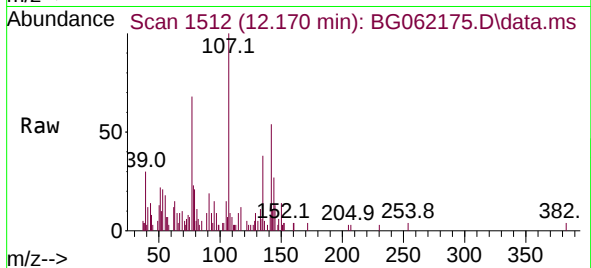
#35
4-Chloro-3-methylphenol
Concen: 2.627 ng/ul
RT: 12.170 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BG062175.D
Acq: 23 Jul 2024 00:20

Instrument :
BNA_G
ClientSampleId :
YDZD6DL

Tgt Ion:107 Resp: 9390
Ion Ratio Lower Upper
107 100
144 26.8 14.5 21.7
142 53.6 52.2 78.4

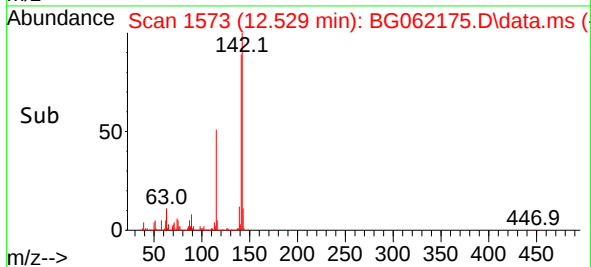
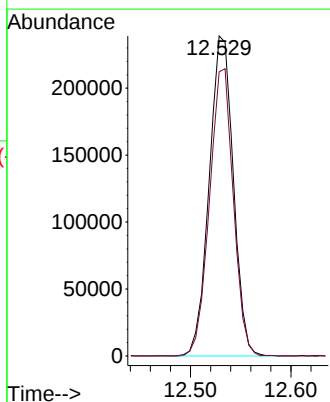
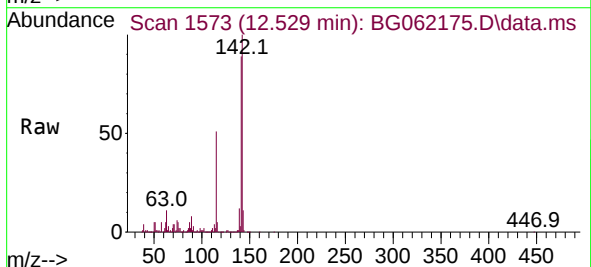
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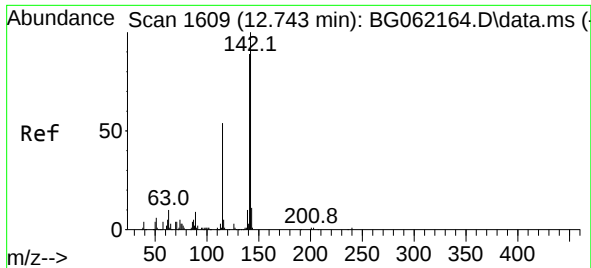
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#36
2-Methylnaphthalene
Concen: 62.613 ng/ul
RT: 12.529 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BG062175.D
Acq: 23 Jul 2024 00:20

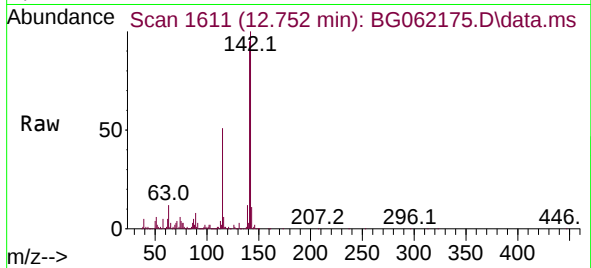
Tgt Ion:142 Resp: 398794
Ion Ratio Lower Upper
142 100
141 88.8 79.1 118.7





#37
1-Methylnaphthalene
Concen: 42.743 ng/ul
RT: 12.752 min Scan# 10
Delta R.T. -0.000 min
Lab File: BG062175.D
Acq: 23 Jul 2024 00:20

Instrument :
BNA_G
ClientSampleId :
YDZD6DL



Tgt Ion:142 Resp: 28070
Ion Ratio Lower Upper
142 100
141 94.8 75.0 112.4
116 5.7 4.5 6.7

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